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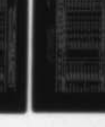
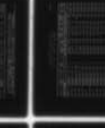
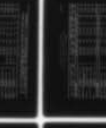
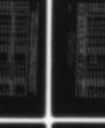
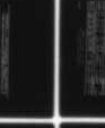
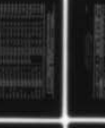
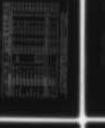
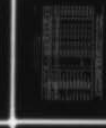
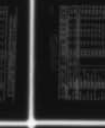
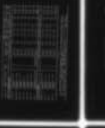
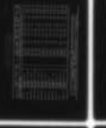
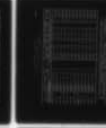
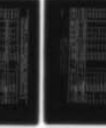
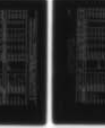
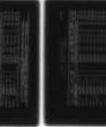
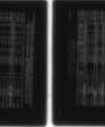
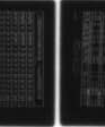
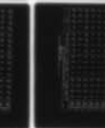
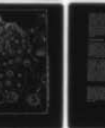
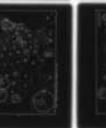
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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES  
Volume 1: PACIFIC NORTHWEST REGION

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# NATIONAL HYDROELECTRIC POWER RESOURCES STUDY PRELIMINARY INVENTORY LEVEL IV OF HYDROPOWER RESOURCES

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Volume 1

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Preliminary Inventory of Hydropower Resources (PIHR) a preliminary product of the National Hydropower Study (NHS), was published in six (6) volumes (regions) to facilitate reproduction and distribution. The PIHR contains general as well as site-specific information on our nation's hydroelectric power potential. It gives estimates of existing, incremental and undeveloped hydropower potential by state and region and furthermore, breaks these categories down into size ranges of small-scale (.05-15 MW) intermediate (15-25 MW) and large-scale (greater than 25MW) sites. Because the inventory is a preliminary product of the NHS, it may		

C-45 be superseded at some future date.

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f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.

g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.



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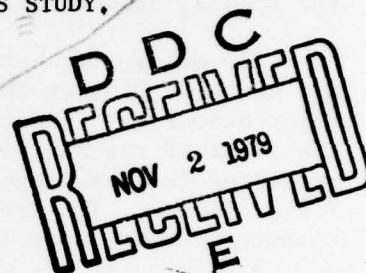
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NATIONAL HYDROELECTRIC POWER RESOURCES STUDY,



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VOLUME 1: PACIFIC NORTHWEST REGION.

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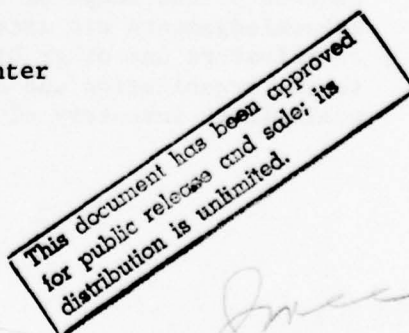
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The manuscript herein was written and prepared by Dr. Wayne R. Sigleo, Mr. James R. Hanchey and Mr. Darrell G. Nolton of the Corps' Institute for Water Resources. The text had the benefit of informal review and comment by the staff of the National Hydropower Study group at the Institute. The data presented in these reports were collected by the Corps' Division and District field offices. The presentation of these data, particularly the tables and computer format, were made possible through the concentrated efforts of Mr. Gary Franc of the Corps' Hydrologic Engineering Center (HEC) who, based on instructions from Mr. Jim Dalton of the Corps' Southwestern Division (SWD), developed the computer software to summarize the data from the inventory and made all necessary computer runs. HEC arranged for the printing of these reports and is responsible for their distribution.

Some of the major responsibilities associated with the National Hydropower Study were assigned to the Corps' Hydrologic Engineering Center, under the supervision of Mr. Bill S. Eichert, the Center's Director. HEC was assigned the tasks of developing the data management software, the editing and analysis programs required in the screening studies and in making the computer runs required in the screening process. Mr. Jim Dalton (SWD) was instrumental in formulating the computational techniques used and was assigned the responsibility of technical management. Mr. Dale R. Burnett was HEC's overall coordinator; Mr. Tom White and Mr. Orval Bruton of the Corps' North Pacific Division (NPD) developed the cost-estimating procedures; Messrs. Arthur Pabst and Mark Lewis (HEC) developed the file management software; and Ms. Marilyn Hurst (HEC) did most of HEC's computer production runs for the National Hydropower Study.

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## PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

### INTRODUCTION

Since completion of the world's first central hydroelectric generating facility at Appleton, Wisconsin in 1882, hydropower has played a major role in our nation's social and economic development. Although this first installation was comparatively small (providing only enough power to light 250 light bulbs), it had a large impact, and streams and rivers across the country were rapidly developed to generate electricity. Today, hydropower provides about 13 percent of the nation's total electric power with a conventional installed capacity of about 64,000 megawatts and an average annual energy generation of some 280 thousand gigawatt-hours.

Hydroelectric power development was rapid during the first half of the twentieth century, but by the mid-1960's many factors had combined to diminish its contribution to electrical utility systems. First, the most favorable sites were developed early, and the undeveloped potential simply did not look as attractive when compared to other available energy sources. Second, demand for electricity increased rapidly during the 50's and 60's, and even with the continued development of new sites, hydropower's "share of the load" steadily decreased. Finally, the low cost of fossil fuels and optimistic forecasts concerning nuclear technology and its public acceptability led many planners to believe that the nation's energy future was secure.

During the past decade, a number of interacting factors, including rising fuel prices, rapid escalation of the costs in constructing thermal generating facilities, and increased public concern over the safety of nuclear plants have prompted not only a search for new energy alternatives, but also a reexamination of previously ignored or discounted alternatives. Because of the immediate need to develop new sources of energy, planners at all levels of organization have significantly increased their efforts to assess the most feasible alternatives to meet present and future energy demands. Hydroelectric power development, particularly incremental or new capacity at existing facilities, could provide an important contribution to our nation's growing energy needs.

The U.S. Army Corps of Engineers is currently conducting a detailed assessment of the nation's hydroelectric resources as part of the National Hydroelectric Power Study authorized by Section 167 of the Water Resources Development Act of 1976 (P.L. 94-587). The study is designed to provide a current and comprehensive estimate of the potential for incremental or new generation at existing dams and other water resource projects, as well as for undeveloped sites in the United States. In addition, the study will address the demand for



hydroelectric power, and will investigate various related policy and technical considerations to determine the incentives, constraints and impacts of developing hydropower to meet a portion of our future energy demands. When complete in 1981, the effort will provide a more detailed evaluation of the nation's hydroelectric resources, and will serve as a framework for future planning and development of this important renewable energy source.

The National Hydropower Study addresses all conventional hydroelectric power potential at Federal and non-federal installations, and considers both large and small-scale dams and other water resource projects. The Corps of Engineers involvement in studying the nation's small-scale potential dates from President Carter's Energy Plan of 1977. This program specifically recognized the opportunity for redeveloping small-scale hydropower as an alternative source of energy and the President directed the Corps to produce summary estimates of the potential at existing small dams in the country.

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977<sup>1</sup>. This study was the first to provide comprehensive estimates of the small-scale potential at existing dams and also identified key areas of the country where small-scale hydropower development could potentially reduce dependence on fossil fuels as a source of energy generation. It is important to note that these estimates were based largely on theoretical potentials calculated for the river basins in the United States and were not the product of site-specific investigations.

During the initial planning stages of the National Hydropower Study, the U.S. Department of Energy requested that a more detailed assessment be made of the nation's small-scale hydroelectric resources. Because of the wide public interest in this potentially valuable alternative energy resource, the small-scale assessment has been integrated into the overall National Hydropower Study and is included in this series of reports.

#### PURPOSE AND SCOPE

Site-specific information on the physical hydroelectric power potential is essential in determining the social, economic, institutional and environmental feasibility of developing this resource. Because of the immediate need for wide dissemination of state, regional and national hydropower data, the Corps' Institute for Water Resources has prepared

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<sup>1</sup> R. J. McDonald, Estimate of National Hydroelectric Power Potential at Existing Sites, Institute for Water Resources, Ft. Belvoir, Virginia, July 1977.

this series of regional reports, Preliminary Inventory of Hydropower Resources. The inventory is the result of a comprehensive data collection effort conducted by the Corps of Engineers and is based on site-specific analysis and evaluation.

The purpose of these reports is to provide preliminary estimates of the existing and potentially feasible hydroelectric power resources in the United States, and to briefly evaluate their regional significance. The estimates of existing, incremental and undeveloped hydropower potential have been grouped in three categories which are based on megawatt (MW) capacity. These include small-scale (.05-15 MW); intermediate (15-25 MW); and large-scale (greater than 25 MW).

The reports have been organized into 6 volumes, each divided along regional boundaries of the United States (Figure 1). The regions have been arbitrarily selected, but each roughly approximates broad physical and cultural divisions of the country. They include:

- a. Pacific Northwest (Vol. 1)
- b. Pacific Southwest (Vol. 2)
- c. Mid-Continent (Vol. 3)
- d. Lake Central (Vol. 4)
- e. Southeast (Vol. 5)
- f. Northeast (Vol. 6)

Each volume of the Preliminary Inventory of Hydropower Resources contains a description of the methods of study, national and regional summary statistics, and a brief assessment of the resource potential. Appendix 1 of each volume contains individual state summary totals with the data grouped in various hydraulic head and capacity ranges, and an inventory of all potentially feasible sites in each state included in the appropriate region. The inventory includes site-specific geographic information, project purpose and ownership references, refined streamflow and hydraulic data, and the capacity and hydroelectric energy estimates. Appendix 2 of each volume is a brief description of the hydroelectric power terms used in the reports, and for further information, Appendix 3 contains a list of Corps of Engineers Division and District field offices.

#### METHODS OF STUDY

The preliminary inventory of potentially feasible hydropower resources includes an estimate of the capacity and energy available at both existing dams and undeveloped sites in the United States. The major source of data on existing hydropower facilities was the National Inventory of Dams developed by the Corps of Engineers as part of the National Dam Safety Program.<sup>2</sup> This inventory contains geographic,

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<sup>2</sup>U.S. Army Corps of Engineers, National Program of Inspection of Dams, in 5 Volumes, Office of the Chief of Engineers, Washington, D. C., May 1975

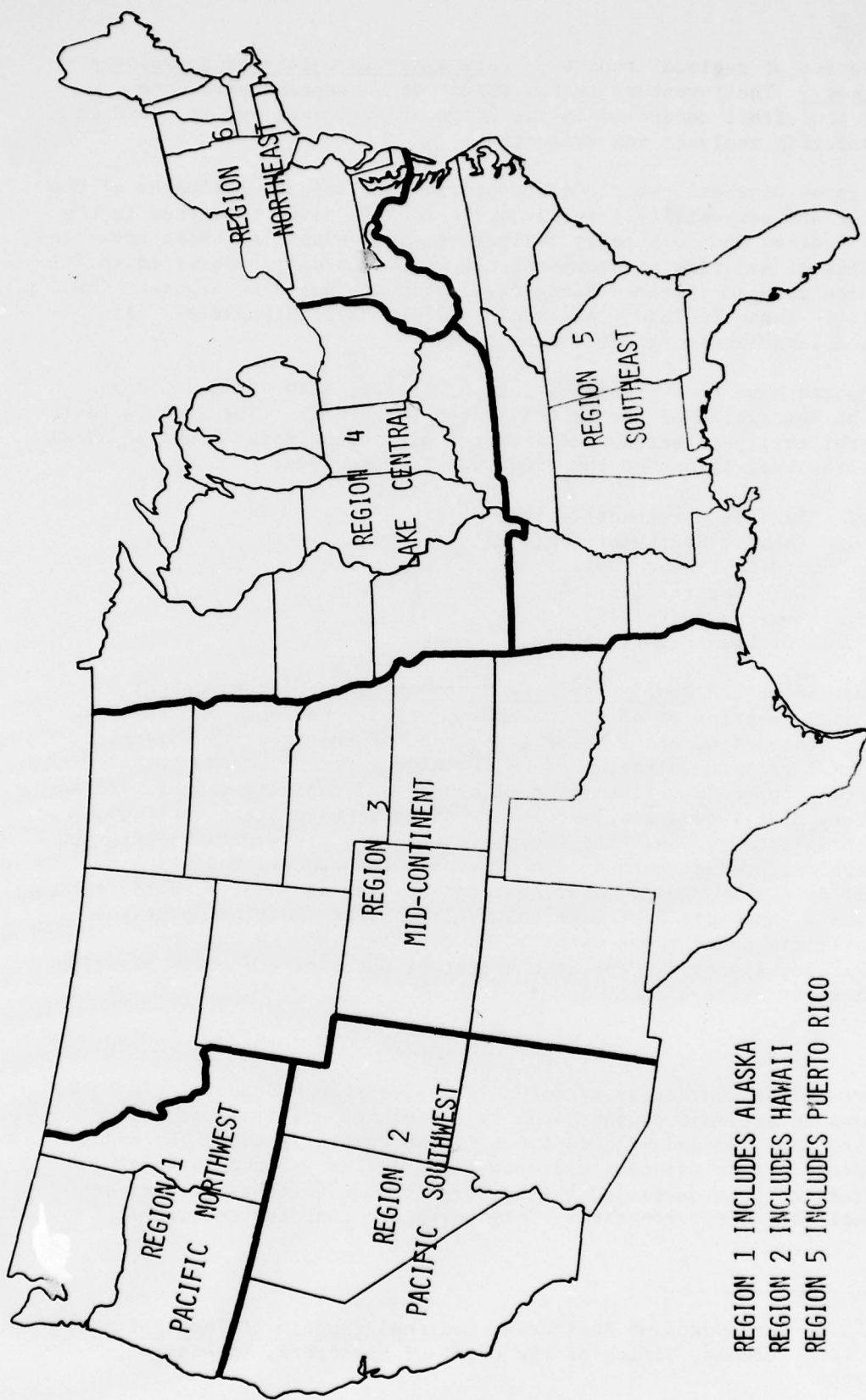


FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES



physical, and ownership data on approximately 50,000 dams in the nation. Identification and data collection on undeveloped sites was more limited since only about 5,000 sites had been identified or previously studied by the Corps of Engineers and other local, state and Federal water resource agencies. In addition, no attempt was made to include pumped storage sites in the inventory.

The data in the original national inventory of dams were supplemented as necessary to develop preliminary estimates of the hydroelectric power potential at each site. Computer routines which utilized head, storage and streamflow estimates were developed to compute the capacity and energy potential of each existing dam and undeveloped site. A screening routine was used to eliminate those sites without sufficient storage, head or streamflow to generate a significant amount of electrical energy. Generally, the existing dams and undeveloped site locations listed in the inventory are those with a capacity of 50 kilowatts or greater. In most cases, the current installed capacity at existing dams was derived from the nameplate capability. This initial screening procedure reduced the number of sites in the active inventory from approximately 55,000 to about 17,500.

During the second stage of the preliminary screening, additional physical data were collected for all sites remaining in the inventory. In particular, the supplemental data included the designation of a U.S. Geological Survey (U.S.G.S.) reference gaging station; a refined estimate of the available net power head; and an estimate of the drainage area associated with each site. Computer routines developed by the Hydrologic Engineering Center and the Corps' Southwestern Division were utilized with USGS streamflow data and drainage area measurements to produce a synthetic flow-duration curve at each site. Conventional flow-duration analysis was used to estimate the capacity and energy available at each site for a range of plant factors.

Generalized cost estimates were developed by the Corps' North Pacific Division to approximate the cost of turbines, generators, and other powerhouse costs associated with the representative capacity selected for each site in the inventory. Generalized regional power values, developed for the study by the Federal Energy Regulatory Commission (FERC), were used to provide a preliminary estimate of the value of the potential capacity and energy at each site. Each site was then sized at the capacity and energy which gave a maximum net benefit. A second screening, comparing the estimated powerhouse cost with the value of power to be produced, eliminated those sites which had doubtful economic feasibility. This screening process reduced the active inventory to approximately 11,000 sites which are contained in these regional reports.

The basic objective of the preliminary inventory and analysis procedures is to provide a comprehensive assessment of the undeveloped hydroelectric power potential in the United States and to determine

which sites merit more thorough investigation. Accordingly, conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimates to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

a. A reduction of net power head due to rising tailwater conditions during high flows was not computed.

b. The analysis technique of maximum net benefits, using incomplete project cost resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows or could cause fluctuations in the surface elevation of the reservoir or downstream flow that would not be acceptable.

c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.

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f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.

g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

## RESOURCE ASSESSMENT

### National Potential

Estimates of the existing, incremental and undeveloped conventional hydroelectric power potential for the various regions of the United States are presented in Table 1. The total physical resource for all regions is estimated to exceed 512,000 MW of capacity with an average annual energy generation greater than 1.4 million GWH. At the present time, the Corps has identified 1,251 existing hydropower facilities currently generating power with a total installed capacity of some 64,000 MW producing over 280,000 GWH of average annual energy. There are over 5,400 existing dams which have the potential for new incremental power development. Some of these are currently generating power, and full development of the incremental potential could yield an additional capacity of some 94,000 MW with an average annual energy generation exceeding 223,000 GWH. There are also some 4,500 potentially feasible, undeveloped sites which, if fully developed for hydropower, could produce another 354,000 MW with an estimated average annual energy greater than 935,000 GWH.

The distribution of the overall hydroelectric power resource in the nation is shown in Figure 2. The Pacific Northwest has the largest proportion of the nation's installed capacity and currently generates some 48 percent of the conventional hydroelectric energy produced in the United States. Other areas with a significant, but smaller proportion of the total installed capacity and energy generation include the Southeast, Northeast, and Pacific Southwest regions. Nearly all existing hydroelectric facilities and other water resource projects in the country have the capability for incremental energy generation with the Northeast, Lake Central and Pacific Northwest having a large share of this potential. The undeveloped hydroelectric resource is widely distributed, but appears greatest in the Pacific Northwest, Mid-Continent and Southeast regions, particularly at large-scale sites.

There are over 5,600 small-scale dams in the country which are either generating power, or have the potential for incremental development. The installed capacity at existing small-scale facilities is estimated to be some 3,000 MW with an average annual energy generation exceeding 15,000 GWH. These values represent about 5 percent of the nation's current installed hydroelectric capacity and energy generation. Approximately 5,400 MW of new incremental capacity could be installed at a large percentage of the existing small-scale dams for an estimated energy generation of about 17,000 GWH annually. In addition, some 2,600 potentially feasible, undeveloped sites have been identified which could provide an estimated capacity of 8,000 MW and more than 28,000 GWH of average annual energy generation.

As shown in Figure 3, the amount and regional distribution of the small-scale resource potential varies considerably, as these patterns closely reflect an interaction between climate, landforms and settlement





TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES



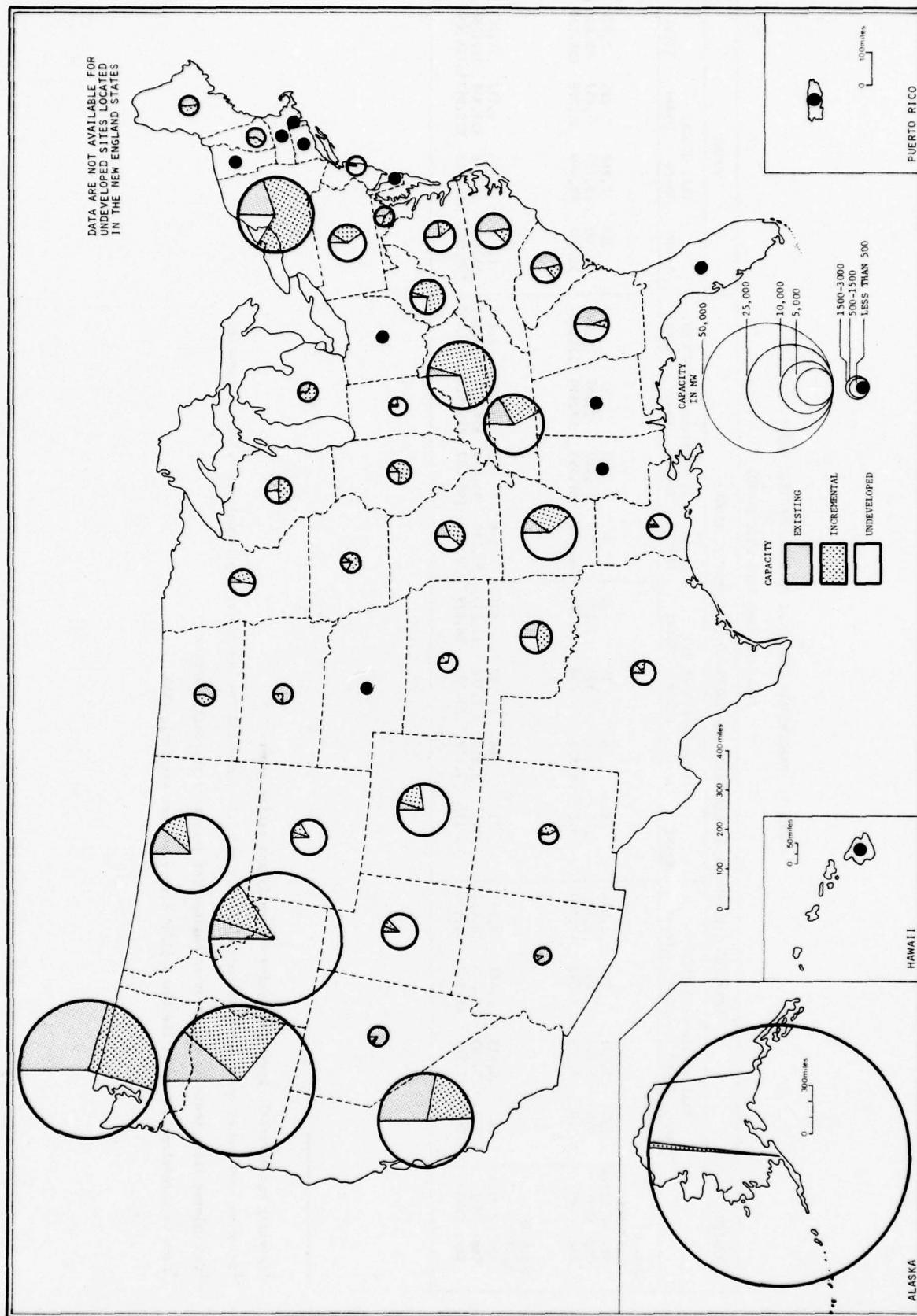


Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES. (ALL SITES)

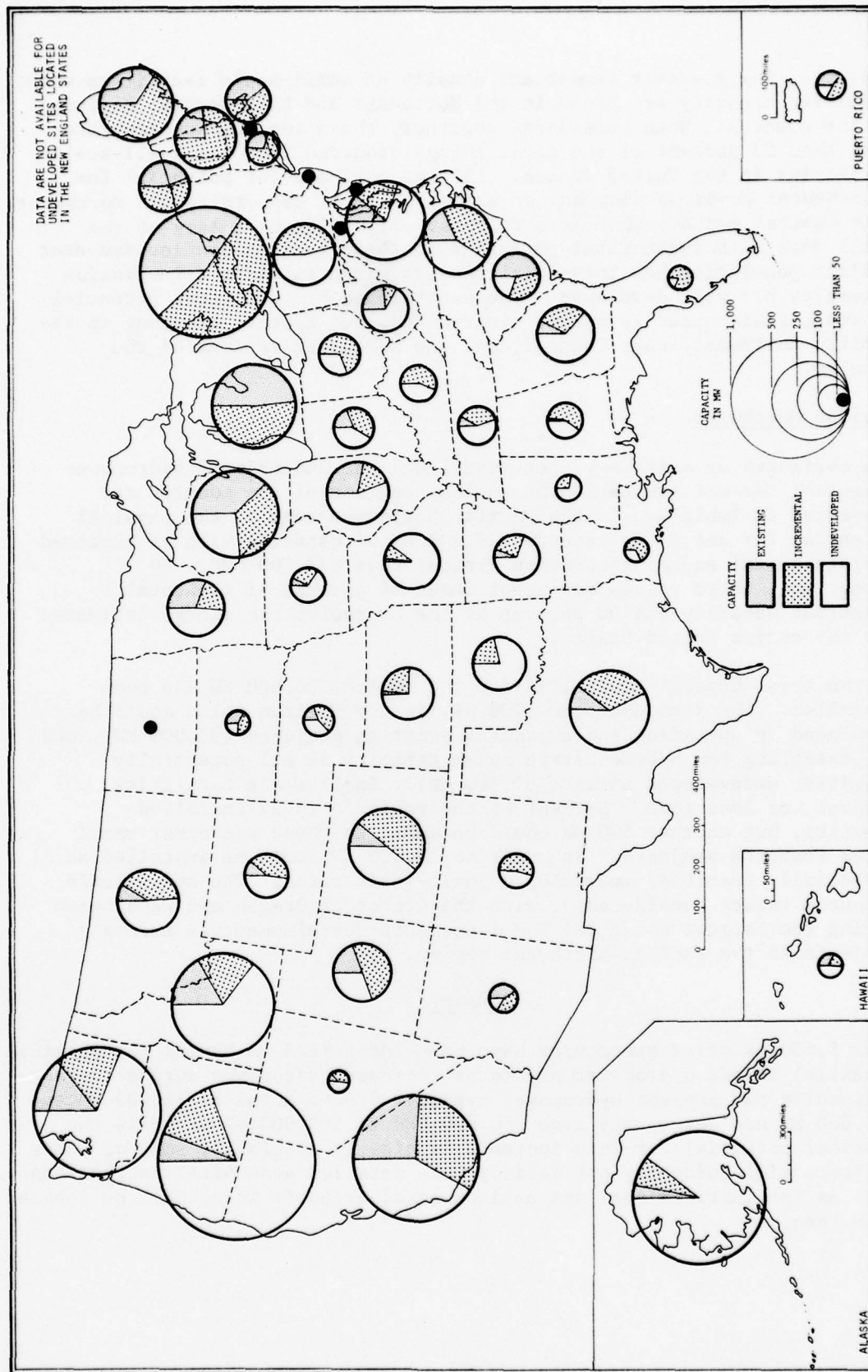


Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES. (SMALL-SCALE SITES)

history. The greatest number and density of small-scale facilities with installed capacity are found in the Northeast and Lake Central regions of the country. When considered together, these two regions generate more than 53 percent of the total energy produced from all small-scale facilities in the United States. All regions have the potential for incremental power development at existing sites, especially the Northeast, Lake Central and Mid-Continent regions. Significantly, many of the small dams with incremental potential in these regions are located near smaller population and industrial centers where existing transmission interties are well developed. The undeveloped hydroelectric potential at small-scale sites is widely distributed, but appears greatest in the Pacific Northwest, Lake Central, and the Northeast regions of the country.

#### Pacific Northwest

The estimates of existing, incremental and the undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Pacific Northwest region, the physical potential for all sites exceeds 327,000 MW of capacity with an expected average annual energy generation greater than 877,000 GWH. By comparison, these values represent about 64 percent of the total potential capacity and 60 percent of the hydroelectric energy estimated for the entire United States.

Of the total capacity estimated for the region, 26,800 MW has been installed. The remainder (300,700 MW) is the maximum which could be developed by upgrading and expanding existing projects (33,300 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (267,500 MW). Small-scale facilities account for less than 2 percent of the region's total installed capacity, but another 600 MW could be added to these and other small water resource projects. In addition, 3,700 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of Oregon and Washington having the largest potential for incremental development at existing projects in the Pacific Northwest region.

#### SUMMARY

Over 5,400 existing structures have been identified as having the physical potential to add hydropower plants or increase hydropower output thereby increasing our present hydropower capacity from a total of 64,000 MW to 158,000 MW and our energy from 280,000 GWH to 503,000 GWH. While the physical potential for this increase is clearly available, some of these projects will undoubtedly not satisfy more detailed economical analysis as well as the institutional and environmental criteria which will be imposed upon them.



More than 4,500 undeveloped sites have been identified as having the physical potential to increase our capacity by 354,000 MW and our energy by 936,000 GWH. Many of these have less chance of acceptance than the modifications to the existing projects because of the more adverse environmental and institutional effects. Unfortunately, 47 percent (166,700 MW) of this undeveloped potential is located in Alaska where it would be economically difficult to transmit the power to the potential user.

For the nation's existing hydroelectric power sites, large-scale facilities, 25 MW and greater, account for approximately 92 percent of the capacity and energy generation, particularly those located in the Pacific Northwest and Southeast regions. Small-scale facilities account for about 5 percent of the nation's installed capacity and hydroelectric energy, but incremental development of other potentially feasible, existing small-scale projects could more than double this output by adding another 5,400 MW of capacity and 17,000 GWH of energy to the total. The distribution of the existing small-scale resource is extremely variable, but nearly all regions of the country have the potential for incremental energy development. The undeveloped potential for all sites and capacity ranges is also widely distributed, and appears greatest in the Pacific Northwest, Southeast and Mid-Continent regions of the country.

As stated earlier, these data are preliminary; the capacity and energy estimates represent the maximum physical hydroelectric potential which could be developed in each state and region. The incremental potential and that estimated for undeveloped sites do not include detailed consideration of the engineering, economic, financial and environmental constraints; nor do they include an assessment of the competitive use of water at existing impoundments, or consideration of the complex social, legal and institutional feasibility, all of which could preclude full development of the hydroelectric potential. Future investigations by the Corps of Engineers and other local, state and federal agencies will consider these factors in more detail, and further refine the actual feasibility of the most favorable sites in the inventory.

Publication of preliminary resource information involves the risk that errors and omissions may exist, and this inventory is no exception. At present, the Corps' inventory of hydroelectric power resources is an active screening tool; its primary function and widest utility is to present a viable list of existing and potentially feasible hydroelectric power sites, and to provide reasonably accurate estimates of the aggregate state, regional and national development potential. For this purpose, users of the inventory are encouraged to assist in the continuing refinement of the data base by bringing errors and omissions to the attention of the appropriate Corps of Engineers Division or District office.

For further information concerning specific hydroelectric power sites in any state or region of the country, a complete list of Corps' Division and District representatives for the National Hydropower Study is provided in Appendix III.

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES

VOL 1: PACIFIC NORTHWEST

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES												TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Total
Alaska															
No. of Sites	16	27	184	227	1	6	53	60	2	5	190	197	19	38	427
Cap. (MW)	37	86	1,053	1,176	15	120	1,014	1,149	77	212	164,709	164,998	129	418	166,775
Ener (GWH)	146	362	4,754	5,262	41	309	4,158	4,508	333	626	432,995	433,954	520	1,297	441,907
Idaho															
No. of Sites	24	80	68	172	1	5	39	45	15	24	213	252	40	109	320
Cap. (MW)	131	140	497	768	16	101	787	904	2,301	4,931	39,252	46,484	2,448	5,172	40,536
Ener (GWH)	818	435	1,904	3,157	142	195	2,218	2,555	11,130	5,522	82,398	99,050	12,089	6,152	86,520
Oregon															
No. of Sites	30	96	388	514	9	18	66	93	21	16	253	290	60	130	707
Cap. (MW)	105	231	1,390	1,726	157	349	1,291	1,797	6,591	13,609	34,771	54,971	6,853	14,190	37,453
Ener (GWH)	630	751	6,426	7,807	841	993	4,770	6,604	35,404	8,352	90,039	133,795	36,875	10,095	101,235
Washington															
No. of Sites	23	79	105	207	2	7	50	59	35	38	240	313	60	124	395
Cap. (MW)	157	185	762	1,104	46	130	977	1,153	17,172	13,167	20,977	51,316	17,374	13,482	22,716
Ener (GWH)	847	686	3,306	4,839	192	446	3,592	4,230	83,498	19,499	68,486	171,483	84,538	20,631	75,383
Region Total															
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	135	401	1,849
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045
															877,242



TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 3: MID-CONTINENT

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	3	6	9	1	68	190	259
Cap. (MW)	2	61	183	246	0	18	0	18	0	141	296	437	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229	508	737	10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	0	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	24	0	48	0	207	359	566	24	286	404	714
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030



TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 3: MID-CONTINENT (CONTINUED)

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES										TOTAL		
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			Exist	(All Sizes)		Total
	Exist	Incre	Undev	Exist	Incre	Undev	Exist	Incre	Undev		Exist	Undev	
Oklahoma													
No. of Sites	0	98	170	268	0	4	2	44	131	6	11	13	36
Cap. (MW)	0	49	178	227	0	87	44	797	3,320	310	11	115	184
Ener (GWH)	0	86	346	432	0	133	77	1,270	5,611	3,678	1,029	1,630	1,019
										6,253	2,350	2,210	1,693
S. Dakota													
No. of Sites	8	23	4	35	0	0	0	0	0	8	12	26	5
Cap. (MW)	17	22	12	51	0	0	0	25	1,905	43	1,500	420	37
Ener (GWH)	69	65	33	167	0	0	0	38	6,926	1,957	6,125	898	72
										7,095			
Texas													
No. of Sites	9	196	129	334	2	1	8	11	234	31	16	201	159
Cap. (MW)	52	165	288	505	45	22	167	457	1,830	376	321	372	1,875
Ener (GWH)	212	372	854	1,438	149	7	457	613	3,931	2,568	903	619	4,461
Wyoming													
No. of Sites	8	53	18	79	3	3	20	26	43	148	15	65	68
Cap. (MW)	19	71	82	172	56	63	410	529	3,558	4,260	227	487	3,546
Ener (GWH)	114	178	259	551	280	92	871	1,243	7,565	9,360	1,000	858	7,502
Region													
Total	54	779	666	1,499	11	15	63	89	337	1,925	109	853	963
No. of Sites	184	850	1,182	2,216	218	317	1,311	1,846	40,052	29,868	6,488	7,758	29,868
Cap. (MW)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	99,158	110,416	24,781	15,144	70,491
Ener (GWH)													



TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 4: LAKE CENTRAL

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES												TOTAL				
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)								
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	
Illinois	No. of Sites	16	39	230	285	0	8	0	8	1	7	2	10	17	54	232	303
	Cap. (MW)	100	52	169	321	0	145	0	145	32	533	89	654	132	730	259	1121
	Ener (GWH)	569	109	411	1,089	0	347	0	347	15	1,750	178	1943	584	2,206	589	3,379
Indiana	No. of Sites	4	30	45	79	0	2	0	2	0	0	3	3	4	32	48	84
	Cap. (MW)	28	58	61	147	0	37	0	37	0	0	383	383	28	96	444	568
	Ener (GWH)	98	189	162	449	0	90	0	90	0	0	816	816	98	279	978	1,355
Iowa	No. of Sites	3	25	37	65	0	1	0	1	1	12	3	16	4	38	40	82
	Cap. (MW)	7	28	67	102	0	21	0	21	128	1,068	190	1,386	135	1,117	257	1,509
	Ener (GWH)	36	81	200	317	0	39	0	39	805	3,468	408	4,681	841	3,588	608	5,037
Kentucky	No. of Sites	0	52	23	75	0	2	0	2	4	30	10	44	4	84	33	121
	Cap. (MW)	0	64	51	115	0	48	0	48	636	9,159	3,985	13,780	636	9,271	4,036	13,943
	Ener (GWH)	0	183	121	304	0	88	0	88	2,259	24,547	11,697	38,503	2,259	24,818	11,819	38,896
Michigan	No. of Sites	86	136	0	222	3	6	0	9	3	4	0	7	92	146	0	238
	Cap. (MW)	283	303	0	586	52	121	0	173	151	709	0	860	486	1,133	0	1,619
	Ener (GWH)	1,145	1,238	0	2,383	312	399	0	711	438	2,735	0	3,173	1,895	4,371	0	6,266
Minnesota	No. of Sites	18	97	45	160	0	5	6	11	1	12	17	30	19	114	68	201
	Cap. (MW)	91	63	146	300	0	100	125	225	67	825	755	1,647	158	989	1,027	2,174
	Ener (GWH)	536	191	492	1,219	602	288	314	602	318	1,868	1,602	3,788	854	2,346	2,408	5,608

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 4: LAKE CENTRAL (Continued)

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES										TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				Total
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	
Missouri													
No. of Sites	2	31	93	126	1	2	8	11	4	9	17	30	
Cap. (MW)	5	22	227	254	16	45	154	215	577	1,301	868	2,746	167
Ener (GWH)	17	61	643	721	94	88	357	539	1,272	4,154	1,739	7,165	3,215
Ohio													
No. of Sites	0	68	18	86	0	7	0	7	0	2	1	3	96
Cap. (MW)	0	105	47	152	0	153	0	153	0	56	43	99	404
Ener (GWH)	0	308	131	439	0	323	0	323	0	134	70	204	969
Wisconsin													
No. of Sites	75	123	60	258	6	10	2	18	3	12	6	21	297
Cap. (MW)	220	219	158	597	112	205	40	357	98	387	239	724	1,678
Ener (GWH)	1,038	768	699	2,505	534	462	92	1,088	368	858	870	2,096	5,688
Region Total													
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	1,589
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	22,279	26,231
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,369	75,624

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 5: SOUTHEAST

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES									TOTAL		
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)		
	Exist	Incr	Total	Exist	Incr	Total	Exist	Incr	Total	Exist	Incr	Total
Alabama												
No. of Sites	1	52	8	61	0	2	5	7	15	19	73	110
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	4,121	6,973
Ener (GWH)	6	190	137	333	0	91	244	335	9,710	7,141	7,422	18,514
Arkansas												
No. of Sites	1	89	50	140	0	3	11	14	10	13	105	194
Cap. (MW)	11	51	143	205	0	67	218	285	1,069	2,768	2,886	6,235
Ener (GWH)	43	145	412	600	0	105	393	498	2,756	5,239	5,489	20,629
Florida												
No. of Sites	1	17	2	20	0	0	1	1	1	0	17	22
Cap. (MW)	0	45	10	55	0	0	20	20	30	0	45	105
Ener (GWH)	0	151	30	181	0	0	66	66	232	0	151	479
Georgia												
No. of Sites	5	61	31	97	6	1	9	16	15	6	68	167
Cap. (MW)	20	79	182	281	106	23	188	317	1,924	304	406	4,516
Ener (GWH)	87	316	538	941	311	52	518	881	3,825	501	869	11,040
Louisiana												
No. of Sites	0	19	5	24	0	0	0	0	1	4	23	35
Cap. (MW)	0	38	17	55	0	0	0	0	81	253	291	2,353
Ener (GWH)	0	110	55	165	0	0	0	0	215	618	728	8,139
Mississippi												
No. of Sites	0	50	38	88	0	1	1	2	0	2	53	93
Cap. (MW)	0	20	51	71	0	16	23	39	0	97	133	252
Ener (GWH)	0	71	137	208	0	65	54	119	0	192	328	606

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 5: SOUTHEAST (Continued)

STATE	EXISTING, <sup>1</sup> POTENTIAL, INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES															TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				Exist	(All Sizes)		Total		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total		Incr	Undev			
North Carolina	53	117	28	198	5	5	12	22	18	9	22	49	76	131	62	269		
	72	162	160	394	103	86	259	448	1,762	405	1,134	3,301	1,937	653	1,553	4,143		
	248	429	546	1,223	396	244	744	1,384	5,958	760	3,387	10,105	6,602	1,433	4,677	12,712		
Puerto Rico	5	10	6	21	2	3	0	5	0	0	0	0	7	13	6	26		
	28	37	13	78	36	55	0	91	0	0	0	0	64	92	13	169		
	64	48	63	175	54	78	0	132	0	0	0	0	118	126	63	307		
South Carolina	29	49	5	83	4	3	4	11	10	13	13	36	43	65	22	130		
	88	61	34	183	76	54	80	210	1,368	513	1,061	2,942	1,532	628	1,175	3,335		
	390	354	130	874	233	145	280	658	2,117	1,201	3,093	6,411	2,740	1,700	3,503	7,943		
Tennessee	1	31	9	41	2	4	2	8	24	14	23	61	27	49	34	110		
	11	47	70	128	39	80	45	164	2,046	3,142	7,149	12,337	2,096	3,269	7,264	12,629		
	33	57	207	297	111	56	145	312	11,064	5,113	25,004	41,181	11,208	5,226	25,356	41,790		
Virginia	14	71	83	168	0	7	9	16	4	7	23	34	18	85	115	218		
	53	94	348	495	0	137	173	310	633	266	1,256	2,155	686	497	1,777	2,960		
	129	318	1,094	1,541	0	349	419	768	532	701	3,037	4,270	661	1,368	4,550	6,579		
Region Total	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374		
	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909	11,827	13,021	23,160	48,008		
	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,672	137,026		



TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 6: NORTHEAST

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES												TOTAL		
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)		
	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Undev	Total	Exist	Incr	Total
Connecticut*															
No. of Sites	13	205	NA	218	0	0	NA	0	2	0	NA	2	15	205	NA
Cap. (MW)	36	88	NA	124	0	0	NA	0	68	0	NA	68	103	88	NA
Ener (GWH)	156	308	NA	464	0	0	NA	0	216	0	NA	216	372	308	NA
Delaware															
No. of Sites	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
Cap. (MW)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
Ener (GWH)	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6
Maine*															
No. of Sites	33	469	NA	502	3	1	NA	4	2	2	NA	4	38	472	NA
Cap. (MW)	147	284	NA	431	58	20	NA	78	148	64	NA	212	354	369	NA
Ener (GWH)	881	992	NA	1,873	388	67	NA	455	507	226	NA	733	1,776	1,285	NA
Maryland															
No. of Sites	2	15	7	24	0	1	0	1	1	4	2	7	3	20	9
Cap. (MW)	2	18	20	40	0	19	0	19	474	496	232	1,202	476	532	252
Ener (GWH)	14	50	58	122	0	41	0	41	1,719	650	550	2,919	1,733	741	608
Massachusetts*															
No. of Sites	23	301	NA	324	2	0	NA	2	4	0	NA	4	29	301	NA
Cap. (MW)	73	115	NA	188	33	0	NA	33	131	0	NA	131	237	115	NA
Ener (GWH)	313	403	NA	716	176	0	NA	176	154	0	NA	154	643	403	NA
New Hampshire*															
No. of Sites	24	541	NA	565	2	1	NA	3	2	0	NA	2	28	542	NA
Cap. (MW)	74	238	NA	312	31	23	NA	54	281	0	NA	281	386	261	NA
Ener (GWH)	359	836	NA	1,195	180	82	NA	262	558	0	NA	558	1,097	918	NA
New Jersey															
No. of Sites	2	36	0	38	0	1	0	1	0	0	5	5	2	37	5
Cap. (MW)	6	21	0	27	0	23	0	23	0	0	647	647	6	40	647
Ener (GWH)	18	58	0	76	0	56	0	56	0	0	1,821	1,821	18	114	1,821

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES  
REGIONAL STATE SUMMARIES  
VOL 6: NORTHEAST (CONTINUED)

STATE	EXISTING, <sup>1</sup> POTENTIAL INCREMENTAL <sup>2</sup> AND UNDEVELOPED <sup>3</sup> CAPACITY RANGES										TOTAL					
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)						
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
New York																
No. of Sites	123	251	43	417	11	15	11	37	9	40	11	60	143	306	65	514
Cap. (MW)	422	657	148	1,227	216	309	226	751	3,103	11,491	2,754	17,348	3,741	12,458	3,127	19,326
Ener (GWH)	2,155	2,250	539	4,944	799	976	563	2,338	20,581	70,227	17,211	108,019	23,535	73,453	18,313	115,301
Pennsylvania																
No. of Sites	0	138	58	196	0	6	4	10	4	19	26	49	4	163	88	255
Cap. (MW)	0	158	189	347	0	107	79	186	403	1,466	2,977	4,846	403	1,731	3,245	5,379
Ener (GWH)	0	452	567	1,019	0	232	170	422	1,681	3,618	6,969	12,268	1,681	4,322	7,706	13,709
Rhode Island*																
No. of Sites	2	105	NA	107	0	0	NA	0	0	0	NA	0	2	105	NA	107
Cap. (MW)	2	40	NA	42	0	0	NA	0	0	0	NA	0	2	40	NA	42
Ener (GWH)	6	139	NA	145	0	0	NA	0	0	0	NA	0	6	139	NA	145
Vermont*																
No. of Sites	44	155	NA	199	1	0	NA	1	2	0	NA	2	47	155	NA	202
Cap. (MW)	106	134	NA	240	16	0	NA	16	74	0	NA	74	197	134	NA	331
Ener GWH)	436	472	NA	908	70	0	NA	70	317	0	NA	317	822	472	NA	1,294
W. Virginia																
No. of Sites	4	15	33	52	0	1	5	6	1	20	14	35	5	36	52	93
Cap. (MW)	46	18	132	196	0	23	95	118	102	2,929	958	3,989	148	2,969	1,184	4,301
Ener (GWH)	282	49	361	692	0	59	205	264	543	7,177	2,059	9,779	825	7,285	2,624	10,734
Region Total																
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798	6,053	18,737	8,457	33,250
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,025

<sup>1</sup>Existing hydroelectric power facilities currently generating power.

<sup>2</sup>Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.

<sup>3</sup>Undeveloped sites where no dam or other engineering structure presently exists.

\*Data on undeveloped sites in the New England states are not available (NA).

APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

Alaska, Idaho, Oregon and Washington

STATE OF ALASKA



PHYSICAL POTENTIAL FOR ADDITIONAL  
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT  
IN THE STATE OF ALASKA

POTENTIAL INCREMENTAL CAPACITY RANGES												
			15 MW - 25 MW			GREATER THAN 25 MW			TOTAL			
	EXIST	UNDEV	EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	
NUMBER	0	0	0	0	0	0	0	0	0	0	0	
CAPACITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20-49	0	1	5	0	2	0	1	1	0	1	8	
CAPACITY	0.0	0.2	0.9	0.0	35.0	0.0	28.1	28.1	0.0	0.2	32.5	
ENERGY	0.0	0.4	41.5	0.0	167	0.0	467	467	0.0	0.4	675	
50-99	0	3	17	0	2	0	18	18	0	3	40	
CAPACITY	0.0	3.6	66.0	0.0	39.0	0.0	107.02	107.02	0.0	3.6	108.7	
ENERGY	0.0	11.0	296	0.0	190	0.0	34995	34995	0.0	11.0	35492	
>100	16	23	162	1	6	2	5	171	19	34	416	
CAPACITY	37.2	82.3	978	15.0	120	940	77.1	212+153726+153938	129	415+155643+156058		
ENERGY	146	350	4416	4766	309	3801	353	626+39753+398160	520	1285+405751+407036		
TOTAL	16	27	184	1	6	53	2	5	190	195	38	
CAPACITY	37.2	86.2	1053	15.0	120	1014	77.1	212+164709+164921	129	418+166775+167194		
ENERGY	146	362	4754	5115	309	4156	353	626+432995+433621	520	1297+441907+443204		

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT  
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS  
COLUMN 3 = UNDEVELOPED POTENTIAL

COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)  
CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)  
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	OWNER	LONGITUDE	DRAINAGE AREA	ANNUAL INFLW	NET HEAD	HEIGHT OF DAM	STORAGE	CAPACITY	ENERGY
					(DM)	(SQ MI)	(CFD)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: ANCHORAGE												
EAGLE RIVER	AKU025	EAGLE RIVER	H		61 18.0	194.0	549.0	167.0	0.0	0.0	0.0	0.0
	HPA0001				149 39.0						9.00	45.0
SHIP CREEK	AKU042	SHIP CREEK	H		61 27.0	90.0	0.0	50.0	0.0	0.0	0.0	0.0
	HPA0002				149 56.0						.40	.5
COUNTY NAME: ANCHORAGE												
LAKE FLORENCE	AKU011	FLORENCE CREEK	H		57 48.1	39.0	0.0	110.0	0.0	0.0	0.0	0.0
	HPA0003				134 36.0						3.35	19.6
THAYER CREEK	AKU020	THAYER CREEK	H	CORDEVA PUB	57 36.6	61.0	348.0	377.0	363.0	65.0	0.0	0.0
	HPA2610			UTIL	134 31.0						70.20	191.1
CRESCENT LAKE	AKU026	JIMSS CREEK	H		57 34.0	18.0	170.0	185.0	185.0	0.0	0.0	0.0
	HPA0004				134 19.0						5.42	20.6
ELIZA LAKE	AKU027	ELIZA CREEK	H		57 12.0	14.0	0.0	300.0	0.0	0.0	0.0	0.0
	HPA0005				134 20.0						1.65	9.1
HASSELBORG CREEK	AKU029	HASSELBORG CREEK	H		57 37.0	83.0	473.0	306.0	0.0	0.0	0.0	0.0
	HPA0006				134 18.0						16.00	77.0
KATHLEEN CREEK	AKU030	KATHLEEN CREEK	H		57 56.0	29.0	174.0	502.0	0.0	0.0	0.0	0.0
	HPA0007				134 43.0						10.00	48.0
COUNTY NAME: BARROW, SLOPE												
KUKPUK	AKU037	KUKPUK RIVER	H		68 25.0	2160.0	1590.0	100.0	110.0	0.0	0.0	0.0
	HPA0008				165 59.0						107.43	293.4
AMUNA RIVER	AKU038	AMUNA RIVER	H		67 0.0	605.0	317.0	528.0	0.0	0.0	0.0	0.0
	HPA0009				155 36.0						21.00	101.0
L E G E N D												

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,  
(3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT * (1)	NAME OF STREAM CR RIVER	PROJ * PURP (2)	OWNER	*LATITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLW (CFS)	*NET HEIGHT OF HEAD (FT)	*MAXIMUM CAPACITY (GPM) (3)	*ENERGY (KWH) (3)
COUNTY NAME: BARROW, SLOPE										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SE										
KILLIK BEND	*AKU0389	*COLVILLE RIVER	*H	*	*67 3.0	*9780.0	*5658.	*218.	*0.	*0.
	*NPA0010				*153 52.0				*148.00	*716.0
KUCHER CREEK	*AKU0390	*COLVILLE RIVER	*H	*	*68 55.0	*6240.0	*3588.	*120.	*0.	*0.
	*NPA0011				*155 45.0				*0.	*0.
COUNTY NAME: BETHEL										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF										
KISARALIK RIVER	*AKU0099	*KISARALIK RIVER	*H	*	*60 45.0	*620.0	*0.	*230.	*257.	*0.
	*NPA0012				*161 0.				*0.	*0.
COUNTY NAME: BRISTOL BAY BORO										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF										
NAKNEK	*AKU0107	*NAKNEK RIVER	*H	*	*58 37.0	*2720.0	*6354.	*124.	*124.	*0.
	*NPA0036				*156 29.0				*0.	*0.
CHIGNIK	*AKU0051	*INDIAN CREEK	*H	*ALASKA PKRS.	*56 18.0	*7.0	*66.	*225.	*225.	*0.
	*NPA2601			*ASSN.	*158 24.0				*0.	*0.
COUNTY NAME: BRISTOL BAY DIV										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF										
ALAGNAK RIVER	*AKU0089	*ALAGNAK RIVER	*H	*	*59 1.1	*530.0	*1324.	*170.	*0.	*0.
	*NPA0013				*156 3.0				*0.	*0.
AMERICAN CREEK	*AKU0090	*AMERICAN CREEK	*H	*	*58 47.0	*100.0	*248.	*861.	*0.	*0.
	*NPA0014				*155 20.0				*0.	*0.
BECHAROF	*AKU0091	*EGGEGEK RIVER	*H	*	*58 9.0	*1280.0	*2208.	*58.	*0.	*0.
	*NPA0015				*156 48.0				*0.	*0.
CHIKUMINUK	*AKU0092	*ALLEN RIVER	*H	*	*60 10.0	*286.0	*1104.	*262.	*0.	*0.
	*NPA0016				*156 26.0				*0.	*0.
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
DEDEBRIS CONTROL, P&FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEMEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	ID NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,N)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (3) (3)	ENERGY (3) (3)
COUNTY NAME: BRISTOL BAY DIV												
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF												
CONTACT CREEK	AKU0093	CONTACT CREEK	H		58 12.0	54.0	127.0	274.0	0.0	0.0	0.0	0.0
	NPA0017				155 58.0						3.00	13.0
GRANT LAKE	AKU0095	GRANT RIVER	H		59 46.0	47.0	95.0	400.0	400.0	0.0	0.0	0.0
	NPA0018				156 32.0						5.58	27.6
GROSVENOR LAKE	AKU0096	SAVONOSKI RIVER	H		58 40.0	630.0	1386.0	114.0	114.0	0.0	0.0	0.0
	NPA0019				155 25.4						27.93	121.8
INGERSOL	AKU0097	KIJIK RIVER	H		60 28.0	300.0	960.0	1120.0	1120.0	0.0	0.0	0.0
	NPA0020				154 4.0						356.68	820.4
KAKHONAK LAKE	AKU0098	KAKHONAK RIVER	H		59 15.0	145.0	380.0	200.0	0.0	0.0	0.0	0.0
	NPA0021				155 40.0						9.00	45.0
KONTRASHTUNA	AKU0100	TANALAN RIVER	H		60 17.0	200.0	636.0	226.0	0.0	0.0	0.0	0.0
	NPA0022				154 15.0						17.00	83.0
KUKAKLEK	AKU0101	ALAGNAK RIVER	H		59 19.0	480.0	1202.0	326.0	326.0	0.0	0.0	0.0
	NPA0023				155 33.0						60.84	265.3
KULIK LAKE	AKU0102	KULIK LAKE	H		58 59.0	236.0	520.0	100.0	100.0	0.0	0.0	0.0
	NPA0024				155 7.0						7.90	34.6
KULIK LAKE	AKU0103	MINO RIVER	H		59 47.0	236.0	524.0	30.0	0.0	0.0	0.0	0.0
	NPA0025				158 12.0						20.00	95.0
KULIK LAKE	AKU0104	GRAND RIVER	H		59 42.0	219.0	4682.0	68.0	68.0	0.0	0.0	0.0
	NPA0026				158 20.0						7.00	34.5
LAKE ILIADNA	AKU0106	KVICHAK MINOR R	H		59 13.0	6440.0	20167.0	114.0	114.0	0.0	0.0	0.0
	NPA0027	HAS			156 28.0						320.15	1456.4
NEHMALEN	AKU0108	NEHMALEN RIVER	H		59 45.0	3319.0	9212.0	74.0	0.0	0.0	0.0	0.0
	NPA0028				154 50.0						85.00	411.0
L E G E N D												

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWAMP DRAINAGE, RECREATION,  
DREDGING, CONTROL, PEPAN POND, DREDGING  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IO. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE IO.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLUOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,  
DRAINAGE CONTROL, WEFARM POND, DITCHER  
(3) - ESTIMATED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

IN THE STATE OF ALASKA

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FISH POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DISEASTS CONTROL, PFARM POND, OOTHER
- (3) - ESTINALLED CAPACITY AND ENERGY
- (4) - UNSTALLED CAPACITY AND ENERGY
- (5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (6) - UNSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	ID	NAME OF STREAM	PROJ	DRAINAGE	AREA	LONGITUDE	OWNER	ANNUAL	AVERAGE	NET	WEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP											
	(1)		(2)		(SQ MI)	(DM, N)		(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: CORDOVA-MCCARTHY														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
YOUNG CREEK	AKU0528	YOUNG CREEK	M		40.0	8 2.0		152.0	2017.0	0.0	0.0	0.0	0.0	0.0
	NPA00065					17 57.0							17.00	82.0
COUNTY NAME: FAIRBANKS														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
CHATANKA RIVER	AKU0324	CHATANKA RIVER	M		77000.0	65 7.0		580.0	91.0	0.0	0.0	0.0	0.0	0.0
	NPA00066					142 7.0							7.00	32.0
CHENA RIVER	AKU0325	CHENA RIVER	M		950.0	64 54.0		905.0	107.0	107.0	0.0	0.0	0.0	0.0
	NPA00067					146 22.0							22.00	47.9
SHOVEL CREEK	AKU0359	CHATANKA RIVER	M		726.0	65 20.0		680.0	140.0	140.0	0.0	0.0	0.0	0.0
	NPA00068					148 27.0							21.03	49.3
TANANA RIVER (LITTLE DELTA)	AKU0360	TANANA RIVER	M		18080.0	64 30.0		20010.0	107.0	0.0	0.0	0.0	0.0	0.0
	NPA00069					146 45.0							65.00	315.0
LIVENGORD DAM	AKU0017	SOUTH FORK WESS CREEK	MS		35.0	65 35.6		19.0	41.0	50.0	8.0	0.0	0.0	0.0
	NPA00070					148 23.5							21.0	5.0
COUNTY NAME: HAINES DIV														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
CHILKOOT	AKU0257	CHILKOOT RIVER	M		130.0	59 20.0		1076.0	136.0	0.0	0.0	0.0	0.0	0.0
	NPA00071					135 32.0							4.86	21.3
CHILKAT	AKU0258	CHILKAT RIVER	M		190.0	59 38.0		1202.0	320.0	320.0	0.0	0.0	0.0	0.0
	NPA00072					135 56.0							69.06	151.7
COUNTY NAME: JUNEAU														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
LEMON CREEK	AKU0124	LEMON CREEK	M		25.0	58 21.0		0.0	240.0	0.0	0.0	0.0	0.0	0.0
	NPA00073					134 30.0							5.03	22.0
L E G E N D														

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FARM POND, OTHER  
(3) - INSTALLED CAPACITY AND ENERGY NEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



## IN THE STATE OF ALASKA

PROJECT NAME	IDNT * NUMBER	NAME OF STREAM CR RIVER	PROJ * PURP (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CF9)	*NET POWER HEAD (FT)	*HEIGHT OF DAM (FT)	*MAXIMUM STORAGE (1000 GWH)	*CAPACITY (MM) (3)	*ENERGY (3)
COUNTY NAME: JUNEAU												
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF												
LONG LAKE	AKU0125 NPA0074	LONG RIVER	H		58 8.0 133 43.0	30.0	422	820	820	0.0	0.0	0.0
NUGGET CREEK	AKU0150 NPA0075	NUGGET CREEK	H		58 25.0 134 31.0	16.0	208	607	0	0.0	0.0	0.0
PETERSON LAKE	AKU0159 NPA0076	PETERSON LAKE	H		56 26.4 134 44.0	6.0	0	670	0	0.0	0.0	0.0
RHINE CREEK	AKU0171 NPA0077	RHINE CREEK	H		54 12.3 134 9.5	30.0	0	90	0	0.0	0.0	0.0
SALMON CREEK 1-2	AKU0180 NPA0078	SALMON CREEK	H		58 20.3 134 24.2	11.0	0	388	0	0.0	0.0	0.0
SHEEP	AKU0184 NPA0079	SHEEP CREEK	H		58 15.0 134 19.0	15.0	51	770	770	0.0	0.0	0.0
SHERMAN CREEK	AKU0186 NPA0080	SHERMAN CREEK	H		58 52.0 135 8.2	4.0	0	390	0	0.0	0.0	0.0
SLIDE	AKU0191 NPA0081	SLIDE LAKE	H		58 0 134 22.0	14.0	85	550	550	0.0	0.0	0.0
SPEEL DIVISION	AKU0192 NPA0082	SPEEL RIVER	H		58 7.0 133 43.0	194.0	2298	273	273	0.0	0.0	0.0
SWEETHEART FALLS	AKU0201 NPA0083	SWEETHEART FALLS CR	H		57 59.0 133 32.0	35.0	345	612	612	0.0	0.0	0.0
TEASE	AKU0204 NPA0084	TEASE CREEK	H		58 6.0 133 40.0	11.0	152	1034	1034	0.0	0.0	0.0
TREADWELL DITCH	AKU0212 NPA0086	TREADWELL DITCH	H		58 14.2 134 20.4	14.0	0	420	0	0.0	0.0	0.0

L E G E N D

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DECEPTS CONTROL, P/FARM POND, B/OOTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT * (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	*LATITUDE (LONGITUDE (DM,M)	*DRAINAGE AREA * (SQ MI)	*AVERAGE ANNUAL INFLOW * (CFS)	*NET POWER * (FT)	*HEIGHT OF DAM * (FT)	*MAXIMUM STORAGE (1000 AC FT)	*CAPACITY (MW) (3)	*ENERGY (GWH) (3)
COUNTY NAME: JUNEAU												
TURNER LAKE	*AKU0214*	*TURNER CREEK	*H		*58 17.0 *133 48.0	*52.0*	*0.0*	*118.0*	*0.0*	*0.0*	*0.0*	*0.0*
UNNAMED LAKE R LACE RIVER	*AKU0216*	*UNNAMED R LACE RIVER	*H		*58 53.0 *134 50.0	*3.0*	*28.0*	*300.0*	*0.0*	*0.0*	*0.0*	*0.0*
YEHRING CREEK	*AKU0228*	*YEHRING CREEK	*H		*58 27.0 *133 46.0	*16.0*	*155.0*	*107.0*	*0.0*	*0.0*	*0.0*	*0.0*
BEAR CREEK	*AKU0242*	*BEAR CREEK	*H		*58 4.0 *134 0.0	*3.0*	*25.0*	*117.0*	*117.0*	*0.0*	*0.0*	*0.0*
BOUNDARY LAKE	*AKU0247*	*BOUNDARY CREEK	*H		*58 35.0 *133 40.0	*23.0*	*235.0*	*795.0*	*0.0*	*0.0*	*0.0*	*0.0*
CARLSON CREEK	*AKU0253*	*CARLSON CREEK	*H		*58 6.0 *134 17.0	*24.0*	*339.0*	*348.0*	*0.0*	*0.0*	*0.0*	*0.0*
COMEE CREEK	*AKU0261*	*COMEE CREEK	*H		*58 36.0 *134 54.3	*46.0*	*653.0*	*480.0*	*0.0*	*0.0*	*0.0*	*0.0*
DAVIDSON CREEK	*AKU0266*	*DAVIDSON CREEK	*H		*58 21.3 *133 44.5	*30.0*	*427.0*	*90.0*	*0.0*	*0.0*	*0.0*	*0.0*
DAVIES CREEK	*AKU0267*	*DAVIES CREEK	*H		*58 38.5 *134 54.3	*18.0*	*192.0*	*305.0*	*0.0*	*0.0*	*0.0*	*0.0*
ENDICOTT RIVER	*AKU0275*	*ENDICOTT RIVER	*H		*58 47.0 *135 18.0	*56.0*	*373.0*	*483.0*	*0.0*	*0.0*	*0.0*	*0.0*
JANUARY	*AKU0298*	*JANUARY LAKE	*H		*55 35.0 *131 5.0	*3.0*	*35.0*	*370.0*	*0.0*	*0.0*	*0.0*	*0.0*
LACE RIVER	*AKU0309*	*LACE RIVER	*H		*58 57.0 *134 58.0	*393.0*	*3174.0*	*166.0*	*0.0*	*0.0*	*0.0*	*0.0*

\*\*\*\*\*  
L E G E N D  
\*\*\*\*\*  
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D=DEBRIS CONTROL, P=POND, O=OTHER  
(3) - F=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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\*\*\*\*\*

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   A L A S K A

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM CR RIVER	PROJ * PURP	OWNER	*LATITUDE (DMN)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLU (CFS)	*NET *HEIGHT OF *STORAGE HEAD *DAM (FT)	*CAPACITY * (M3) * (3)	*ENERGY (MWH) * (3)
***** FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF *****										
COUNTY NAME: JUNEAU										
LAKE DOROTHY	*AKU0311	DOROTHY CREEK	*H		*58 14.0	11.0	112.0	2248.0	0.0	0.0
	*NPA0096				*134 3.0				32.48	139.9
SALMON CREEK DAM	*AK00003	SALMON CREEK	*H	ALASKA ELEC.	*58 20.4	19.0	180.0	305.0	19.0	0.0
	*NPA0097			*L. P. CO	*134 23.6				6.86	31.1
ANNEX LAKE DAM	*AK00004	ANNEX CREEK	*H	ALASKA ELE. L.	*58 19.6	6.0	64.0	830.0	23.0	3.30
	*NPA0098			*T-PWR CO	*134 7.7				2.05	19.2
GOLD CREEK 5	*AK00054	GOLD CREEK	*H		*58 18.0	10.0	107.0	225.0	0.0	1.60
	*NPA0099				*134 24.0				1.13	5.2
SALMON CREEK NO 1	*AK00055	LOWER SALMON CREEK	*H	AJ INDUSTRIES	*58 18.0	6.0	64.0	402.0	0.0	1.40
	*NPA0100			*INC	*134 30.0				1.49	9.8
SALMON CREEK NO 2	*AK00056	UPPER SALMON CREEK	*H	AJ INDUSTRIES	*58 18.0	5.0	53.0	775.0	0.0	2.80
	*NPA0101			*INC	*134 24.0				1.68	15.1
SNETTISHAM	*AK00061	SPFEL RIVER	*H	AK POWER ADM	*58 6.0	30.0	427.0	823.0	0.0	47.16
	*NPA0102			*IN.	*133 48.0				87.0	33.8
***** FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF *****										
COUNTY NAME: KENAI-COOK INLET										
BRADLEY LAKE	*AKU0397	BRADLEY CREEK	*H		*59 45.0	88.0	615.0	1155.0	0.0	0.0
	*NPA0103				*150 51.0				216.19	545.3
BRADLEY LAKE ALT	*AKU0398	BRADLEY CREEK	*H		*59 45.0	88.0	615.0	1146.0	0.0	0.0
	*NPA0104				*150 57.0				214.51	541.1
CERES	*AKU0407	CERES LAKE	*H		*59 18.0	0.0	12.0	500.0	0.0	0.0
	*NPA0105				*151 18.0				91.7	8.0
CHAKACHAMNA	*AKU0408	CHAKACHAMNA RIVER	*H		*61 13.0	1120.0	3398.0	793.0	0.0	0.0
	*NPA0106				*152 22.0				413.07	1700.9
***** L E G E N D *****										

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(2) - DEBRIS CONTROL, P=PEAK FLOOD, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM°M)	LONGITUDE (DM°M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF DAM (FT)	HEAD (FT)	STORAGE (1000 AC FT)	CAPACITY (GWH)	ENERGY (GWH)
COUNTY NAME: KENAI-COOK INLET													
CHUITNA	AKU0410	CHUITNA RIVER	M		61 5.0	151 20.0	66.0	193.	552.	0.	0.0	0.0	0.0
	NPA0107												45.0
COFFEE	AKU0418	RELUCA RIVER	M		61 12.0	151 10.0	860.0	2486.	109.	0.	0.0	0.0	0.0
	NPA0108												37.00
CRESCENT LAKE	AKU0419	LAKE FK CRESCENT	M		60 18.0	152 55.0	200.0	627.	517.	517.	0.0	0.0	0.0
	NPA0109												41.00
FOX	AKU0427	FOX RIVER	M		59 58.4	150 48.0	105.0	545.	300.	0.	0.0	0.0	0.0
	NPA0110												27.54
HALIBUT	AKU0438	HALIBUT CREEK	M		59 35.1	151 9.5	23.0	130.	585.	585.	0.0	0.0	0.0
	NPA0111												2.96
KASLOF RIVER	AKU0446	KASLOF RIVER	M		60 16.0	151 10.0	738.0	2386.	136.	0.	0.0	0.0	0.0
	NPA0112												40.00
KENAI LOWER	AKU0449	KENAI RIVER	M		60 29.0	150 50.0	1650.0	5934.	84.	0.	0.0	0.0	0.0
	NPA0113												55.00
KILLEY RIVER	AKU0452	KILLEY RIVER	M		60 20.0	150 25.0	160.0	524.	358.	0.	0.0	0.0	0.0
	NPA0114												21.00
MCNEIL RIVER	AKU0466	MCNEIL RIVER	M		59 5.0	154 10.0	102.0	248.	112.	0.	0.0	0.0	0.0
	NPA0115												2.00
MOOSE HORN	AKU0469	KENAI RIVER	M		60 31.0	150 23.8	1540.0	5520.	95.	0.	0.0	0.0	0.0
	NPA0116												60.00
SHEEP CREEK 1	AKU0489	SHEEP CREEK	M		59 47.0	150 46.0	101.0	635.	382.	0.	0.0	0.0	0.0
	NPA0117												20.00
SHELTERS RANCH	AKU0491	KENAI RIVER	M		59 53.0	152 48.0	849.0	3588.	199.	0.	0.0	0.0	0.0
	NPA0118												84.00

LEGEND

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D=DEFERRED CONTROL, P=PEAK FLOW, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT * NUMER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (ON.M)	*DRAINAGE AREA (SQ MI)	*ANNUAL * INFLW * (CFS)	*NET * POWER * (FT)	*HEIGHT * OF DAM * (AC FT)	*CAPACITY * ENERGY (GWH)
COUNTY NAME: KENAI-COOK INLET										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F										
STELTER	*AKU0499*	*KENAI RIVER	*H	*	*60 28.0	*849.0	*3700.	*199.	*0.0	*0.0
	*NPA0119*				*150 8.0				*107.86	*448.9
TUSTUMENA	*AKU0517*	*TUSTUMENA GLACIE	*H	*	*60 7.0	*57.0	*184.	*0.	*0.0	*0.0
	*NPA0120*				*150 37.0				*21.00	*102.0
COUNTY NAME: KETCHIKAN										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F										
LAKE GRACE	*AKU0119*	*GRACE CR REVILLA	*H	*	*55 38.0	*29.0	*398.	*456.	*0.0	*0.0
	*NPA0121*	*GIGEDD ISL			*131 0.				*35.18	*133.2
MAHONEY LAKE LOW	*AKU0127*	*MAHONEY CREEK	*H	*	*55 25.0	*6.0	*123.	*82.	*0.0	*0.0
ER	*NPA0122*				*131 30.0				*1.82	*4.4
MAHONEY LAKE UPPER	*AKU0128*	*MAHONEY LAKE GEOM	*H	*	*55 25.1	*6.0	*0.	*89.	*0.0	*0.0
ER	*NPA0123*	*RGE INLET			*131 31.1				*10.00	*41.0
MELANSON LAKE	*AKU0137*	*MELANSON CREEK	*H	*	*55 8.1	*2.0	*0.	*240.	*0.0	*0.0
	*NPA0124*				*131 30.3				*.60	*2.6
MIRROR	*AKU0141*	*MIRROR LAKE	*H	*	*55 29.0	*23.0	*303.	*90.	*0.0	*0.0
	*NPA0125*				*131 8.0				*4.30	*17.7
NADZAHEN LAKE	*AKU0143*	*NADZAHEN LAKE	*H	*	*55 13.4	*6.0	*0.	*190.	*0.0	*0.0
	*NPA0126*				*131 28.0				*1.50	*8.7
NANA RIVER	*AKU0144*	*NANA RIVER	*H	*	*55 35.4	*55.0	*0.	*205.	*0.0	*0.0
	*NPA0127*				*131 38.0				*6.00	*30.7
ORCHARD CREEK	*AKU0152*	*ORCHARD CREEK	*H	*	*56 50.0	*60.0	*580.	*170.	*0.0	*0.0
	*NPA0128*				*131 29.0				*9.00	*44.0
PERSEVERANCE LAKE	*AKU0158*	*HARD CREEK	*H	*	*55 24.0	*3.0	*0.	*89.	*120.	*5.0
E	*NPA0129*				*131 40.0				*2.90	*13.0
L E G E N D										

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O=OTHERS CONTROL, P=PEAK POND, D=OTHER  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PURPOSE (1)	CANAL	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF HEAD (FT)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (MM)	CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: KETCHIKAN													
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF													
PURPLE LAKE REHABILITATION	AKU0167	UNNAMED	M		55 6.0	131 29.0	7.0	0.0	320.0	0.0	0.0	0.0	0.0
	NPA0130												3.00
SILVIS LAKE	AKU0199	REVER FALLS CREEK	M		55 22.5	131 28.1	6.0	0.0	750.0	0.0	0.0	0.0	0.0
	NPA0131												11.00
SWAN LAKE	AKU0200	FALLS CR REVILLA	M		55 36.0	131 21.0	36.0	469.0	275.0	275.0	0.0	0.0	0.0
	NPA0132	GIGEDO ISL											30.45
TANGAS LAKE	AKU0203	TANGAS CREEK	M		55 4.0	131 29.0	7.0	0.0	70.0	0.0	0.0	0.0	0.0
	NPA0133												6.0
WHITMAN LAKE	AKU0223	CASE CREEK	M		55 20.1	131 32.4	5.0	0.0	380.0	0.0	0.0	0.0	0.0
	NPA0134												4.05
GOKACHIN	AKU0285	GOKACHIN RIVER	M		55 22.0	131 10.0	23.0	130.0	330.0	330.0	0.0	0.0	0.0
	NPA0135												23.34
HASSLER LAKE	AKU0292	HASSLER CREEK	M		55 11.1	131 27.0	5.0	0.0	440.0	0.0	0.0	0.0	0.0
	NPA0136												4.00
KETCHIKAN LAKE	AKU0304	KETCHIKAN CREEK	M		55 20.3	131 38.2	14.0	0.0	256.0	0.0	0.0	0.0	0.0
	NPA0137												4.00
KETCHIKAN LAKES	AKU0006	KETCHIKAN CREEK	M		55 21.6	131 37.1	11.0	146.0	265.0	27.0	16.0	4.20	14.8
	NPA0138												1.05
UPPER SILVIS LAKE	AKU0007	REVER FALLS CREEK	M		55 22.9	131 31.0	22.0	292.0	265.0	60.0	22.0	0.0	0.0
	NPA0139												17.93
LOWER SILVIS LAKE	AKU0008	REVER FALLS CREEK	M		55 22.9	131 30.2	28.0	372.0	326.0	34.0	2.0	2.10	6.3
	NPA0140												25.97
LAKE CONNELL DAM	AKU0010	WARD CREEK	M		55 26.0	131 40.2	18.0	239.0	225.0	85.0	8.0	0.0	0.0
	NPA0141												12.46

LEGEND

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(3) - ES=ESTABLISHED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - US=UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DN.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 M3)	CAPACITY (3)	ENERGY (MWH)
COUNTY NAME: KETCHIKAN											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F											
WHITMAN LAKE DAM	AKU00012	WHITMAN CREEK	M	CITY OF KETCHIKAN	55 18.0	5.0	90	330	3.5E	0.5E	0.
	NPA2600				131 31.8						4.19N 13.3
BEAVER FALLS	AKU0058	BEAVER FALLS CR	M	KETCHIKAN CITY	55 24.0	9.0	120	809	750	0.5E	5.00E 25.5
	NPA0142	BEAVER FALLS ISL			131 30.0						17.39N 42.1
BEAVER	AKU0059	BEAVER FALLS CR			55 24.0	6.0	80	809	0	0.5E	.07E .1
	NPA0143	BEAVER FALLS ISL			131 30.0						18.24N 43.6
LAKE WHITMAN	AKU0060	CASE CREEK	M		55 20.0	5.0	67	362	362	0.5E	4.05E 20.0
	NPA0144				131 31.0						0.5E 0.
COUNTY NAME: KOBUK											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SE											
ASHASHOK (IGIC)	AKU0368	NOHTAK RIVER	M		67 13.0	12700.0	10360	132	132	0.5U	0.5U 0.
	NPA0145				162 30.0						114.33E 2040.7
BUCKLAND RIVER	AKU0369	BUCKLAND RIVER	M		65 3.5	2410.0	3326	103	0	0.5U	0.5U 0.
	NPA0146				161 3.0						16.00E 79.0
FISH RIVER	AKU0371	FISH RIVER	M		65 57.0	112000.0	994	103	0	0.5U	0.5U 0.
	NPA0147				160 30.0						13.00E 60.0
IGICHUK	AKU0372	NOHTAK RIVER	M		67 15.0	12450.0	8630	120	120	0.5U	0.5U 0.
	NPA0148				162 35.0						993.08E 1818.7
KOBUK RIVER	AKU0373	KOBUK RIVER	M		67 8.0	7840.0	7873	114	114	0.5U	0.5U 0.
	NPA0149				159 7.0						409.49E 824.7
KOGOLUKTUK RIVER	AKU0374	KOGOLUKTUK RIVER	M		66 58.0	412.0	484	129	0	0.5U	0.5U 0.
	NPA0150				156 40.0						8.00E 37.0
KIWALIK	AKU0375	KIWALIK RIVER	M		65 53.5	761.0	457	210	210	0.5U	0.5U 0.
	NPA0151				161 53.4						125.07E 208.7
LEGEND											

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ORDERED CONTROL, PUMP, POND, OTHER  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ#	OWNER	*LATITUDE	*DRAINAGE AREA	*ANNUAL *POWER	*NET *HEIGHT	*MAXIMUM	*CAPACITY	*ENERGY
	(1)	CP RIVER	(2)		*LONGITUDE	*AREA	*INFLOW	*HEAD	*DAM	(MM)	(GM)
					(DM,M)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: KODIAK											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F											
KUGRUK	*AKU0377	*KUGRUK RIVER	*H		*65 54.0	*855.0	*492.0	*225.0	*0.0	*0.0	*0.0
	*NPA0152				*162 43.0				*T	*127.67	*T 234.2
MISHEGUK	*AKU0380	*NDATAK RIVER	*H		*67 57.0	*8750.0	*7735.0	*199.0	*0.0	*0.0	*0.0
	*NPA0153				*161 39.0				*T	*1157.43	*T 2119.6
NIMIUTUK	*AKU0381	*NDATAK RIVER	*H		*67 58.0	*7000.0	*6216.0	*166.0	*0.0	*0.0	*0.0
	*NPA0154				*160 15.0				*T	*772.40	*T 1414.5
UPPER CANYON	*AKU0385	*NDATAK RIVER	*H		*67 58.0	*8200.0	*5800.0	*152.0	*0.0	*0.0	*0.0
	*NPA0155				*161 13.0				*T	*134.00	*T 587.0
UPPER KOBUK RIVE	*AKU0386	*KOBUK RIVER	*H		*66 47.0	*2970.0	*3036.0	*62.0	*0.0	*0.0	*0.0
	*NPA0156				*156 11.0				*T	*23.00	*T 114.0
UPPER NORTAK	*AKU0387	*NDATAK RIVER	*H		*67 57.0	*7050.0	*4970.0	*280.0	*0.0	*0.0	*0.0
	*NPA0157				*160 12.0				*T	*6739.93	*T 15263.0
COUNTY NAME: KODIAK											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F											
TERROR LAKE ALT	*AKU0076	*TERROR RIVER	*KODIAK ELEC		*57 40.0	*15.0	*142.0	*1120.0	*0.0	*0.0	*0.0
	*NPA0158	*IAK ISL	*ASSN.		*153 6.0				*T	*44.76	*T 105.2
AYAKULIK	*AKU0392	*AYAKULIK	*H		*57 11.0	*101.0	*455.0	*181.0	*0.0	*0.0	*0.0
	*NPA0159				*154 30.0				*T	*10.00	*T 49.0
FRASER LAKE	*AKU0428	*DOG SALMON CREEK	*H		*57 10.0	*72.0	*179.0	*302.0	*0.0	*0.0	*0.0
	*NPA0160				*154 7.0				*T	*7.00	*T 32.0
KARLUK LAKE	*AKU0444	*KARLUK RIVER	*H		*57 23.0	*165.0	*414.0	*344.0	*0.0	*0.0	*0.0
	*NPA0161				*154 3.0				*T	*18.00	*T 85.0
OLGA BAY	*AKU0476	*OLGA NARROWS	*H		*57 4.0	*335.0	*980.0	*64.0	*0.0	*0.0	*0.0
	*NPA0162				*154 4.0				*T	*8.00	*T 37.0
L E G E N D											

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDEN NUMBER	NAME OF STREAM OR RIVER	PROJ PURP (1)	OWNER	LONGITUDE (2)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (KW)	NET HEIGHT (FT)	MAXIMUM HEAD (FT)	DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (3)	ENERGY (GWH)
COUNTY NAME: KODIAK														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
PAINTE RIVER	AKU0477	PAINT RIVER	H		59 1.3	250.0	511.0	115.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0163				145 14.3								6.00	28.0
SPIRIDON LAKE	AKU0497	SPIRIDON LAKE	H		57 40.0	22.0	81.0	460.0	460.0	0.0	0.0	0.0	0.0	0.0
	NPA0164				153 40.0								10.83	38.6
SPIRIDON RIVER	AKU0498	SPIRIDON RIVER	H		57 35.0	92.0	600.0	270.0	270.0	0.0	0.0	0.0	0.0	0.0
	NPA0165				153 32.0								36.39	94.8
TERROR LAKE	AKU0510	CANYON KODIAK IS	H	KODIAK ELEC	57 40.0	17.0	99.0	1219.0	1219.0	0.0	0.0	0.0	0.0	0.0
	NPA0166			ASSN	153 6.0								55.53	124.5
UGANIK	AKU0518	UGANIK RIVER	H		57 41.0	97.0	653.0	268.0	268.0	0.0	0.0	0.0	0.0	0.0
	NPA0167				153 24.3								38.09	99.2
PARKS	AKU0044	NONAME KODIAK IS	H	PARKS CANNINE	57 30.0	15.0	142.0	525.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0168			G CO.	157 0.0								20.98	49.3
UGANIK	AKU0045	CRATER CH KODIAK	H	INTERCOSTAL	57 41.0	15.0	142.0	162.0	0.0	0.0	0.0	0.0	0.03	1.1
	NPA0169	ISL		PKG. CO.	153 24.0								4.20	13.6
ONE MILE CREEK	AKU0046	ONE MILE CR KODIAK	H	NEW ENGLAND	57 48.0	15.0	142.0	300.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0170	AK ISL		FISH CO.	152 18.0								11.99	28.2
DRY SPRUCE	AKU0047	DRY SPRUCE RAY K	H	CHC FISHERIE	57 18.0	15.0	142.0	600.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0171	DDIAK ISL		S	152 54.0								23.51	56.1
COUNTY NAME: KUSKOKWIM														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
CROOKED CREEK	AKU0094	KUSKOKWIM RIVER	H		61 50.0	31100.0	44753.0	352.0	352.0	0.0	0.0	0.0	0.0	0.0
	NPA0172				158 0.0								2062.71	79173.0
KUSKOKWIM RIVER	AKU0105	KUSKOKWIM RIVER	H		62 5.0	870.0	159.0	174.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0173	SF			153 20.0								15.00	72.0
LEGEND														

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	PURPOSE (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLW (CFS)	AVERAGE ANNUAL POWER (MW)	NET HEAD (FT)	STORAGE CAPACITY (AC FT)	MAXIMUM ENERGY (MWH)
COUNTY NAME: KUSKOKWIM													
HOLY CROSS	AKU0337	YUKON RIVER	AM		CORQUA PUB	62 15.0		320000.0	79562	94	94	65	0.0
	NPA2613				UTIL	159 40.0							2772.72
COUNTY NAME: MATANUSKA-SUSITNA													
BELUGA LOWER	AKU0393	BELUGA RIVER	AM			61 15.0		950.0	2470	49	0	0	0.0
	NPA0174					151 0							15.00
BELUGA UPPER	AKU0394	BELUGA RIVER	AM			61 16.0		840.0	2484	142	142	0	0.0
	NPA0175					151 15.0							126.82
BOULDER CREEK 1	AKU0396	BOULDER CREEK	AM			61 40.0		90.0	113	1317	0	0	0.0
	NPA0176					149 5.0							134.81
CACHE	AKU0403	TALKEETNA RIVER	AM			62 34.0		750.0	1450	300	300	0	0.0
	NPA0177					149 11.0							108.41
CARIBOU CREEK	AKU0406	CARIBOU CREEK	AM			61 47.0		260.0	304	527	0	0	0.0
	NPA0178					147 35.0							19.00
CHULITNA WF	AKU0411	FORK CHULITNA RIVER	AM			63 7.0		355.0	983	287	0	0	0.0
	NPA0179					149 35.2							14.00
CHULITNA CREEK	AKU0412	CHULITNA CREEK	AM			62 50.0		240.0	524	198	0	0	0.0
	NPA0180					150 0							5.00
CHULITNA JURRICAN	AKU0413	CHULITNA RIVER	AM			63 5.0		795.0	2622	207	0	0	0.0
	NPA0181					149 45.0							34.00
CHULITNA EF	AKU0414	FORK CHULITNA RIVER	AM			63 10.0		135.0	331	360	0	0	0.0
	NPA0182					149 25.0							12.00
COAL	AKU0416	CHULITNA RIVER	AM			62 54.0		985.0	3312	241	0	0	0.0
	NPA0183					149 40.0							40.00

LEGEND

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT NUMBER (1)	NAME OF STREAM CR RIVER (2)	PROJ PURP (2)	OWNER	*LATITUDE *LONGITUDE (DN,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET HEIGHT OF POWER HEAD (FT)	*CAPACITY (MW)	*ENERGY (GWH) (3)
COUNTY NAME: MATANUSKA-SUSITNA										
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF										
COAL CREEK	*AKU0417*	*MATANUSKA RIVER	*H	*	*61 47.0	*1128.0*	*2208.*	*291.*	*0.*	*0.*
	*NPA0184*				*148 10.0					*T 64.00ST 307.0
DENALI USRR PROP	*AKU0421*	*SUSITNA RIVER	*H	*	*62 58.0	*1260.0*	*3191.*	*530.*	*0.*	*0.*
OSAL	*NPA0185*				*147 14.0					*T 668.80ST 1499.7
DEVIL CANYON USRR	*AKU0422*	*SUSITNA RIVER	*H	*	*62 49.0	*5810.0*	*9448.*	*575.*	*0.*	*0.*
R PROPOSAL	*NPA0186*				*149 19.0					*T 738.00ST 288.0
DEADMAN CREEK	*AKU0423*	*DEADMAN CREEK	*H	*	*62 45.0	*160.0*	*483.*	*962.*	*0.*	*0.*
	*NPA0187*				*148 5.0					*T 34.00ST 165.0
DEVIL CANYON NPA	*AKU0424*	*SUSITNA RIVER SC-HRC	*H	*	*62 49.0	*5810.0*	*9227.*	*570.*	*570.*	*105.*
PROPOSAL	*NPA0188*				*149 19.0					*T 685.00ST 3410.0
EMERALD	*AKU0425*	*SKWENTNA RIVER	*H	*	*8 29.0	*370.0*	*1090.*	*366.*	*0.*	*0.*
	*NPA0189*				*19 3.0					*T 37.00ST 117.0
GOLD	*AKU0430*	*SUSITNA RIVER	*H	*	*62 44.0	*6160.0*	*10121.*	*189.*	*0.*	*0.*
	*NPA0190*				*149 42.0					*T 260.00ST 1139.0
GRANITE GORGE	*AKU0432*	*TALKEETNA RIVER	*H	*	*62 27.0	*865.0*	*1600.*	*416.*	*0.*	*0.*
	*NPA0191*				*149 27.0					*T 72.00ST 345.0
GREENSTONE	*AKU0433*	*TAIKEETNA RIVER	*H	*	*62 32.0	*790.0*	*1587.*	*304.*	*0.*	*0.*
	*NPA0192*				*149 2.0					*T 51.00ST 246.0
HAYES	*AKU0440*	*SKWENTNA RIVER	*H	*	*61 58.0	*1730.0*	*4830.*	*107.*	*0.*	*0.*
	*NPA0193*				*151 51.0					*T 89.00ST 429.0
HICKS SITE	*AKU0441*	*MATANUSKA RIVER	*H	*	*61 48.0	*950.0*	*1794.*	*281.*	*0.*	*0.*
	*NPA0194*				*147 48.0					*T 59.00ST 286.0
IRON CREEK	*AKU0442*	*IRON CREEK	*H	*	*62 22.0	*210.0*	*552.*	*750.*	*0.*	*0.*
	*NPA0195*				*149 37.0					*T 31.00ST 147.0
LEGEND										

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,MM)	LONGITUDE (DM,MM)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 GPM)	ENERGY (3)
COUNTY NAME: MATANUSKA-SUBITN												
KASHMITNA	AKU0445	KASHMITNA RIVER	H		61 57.3	270.0	570.0	235.	235.	0.0	0.0	0.0
	NPA0196				149 56.0							12.58
KEETNA	AKU0447	TALKEETNA RIVER	H		62 26.0	1250.0	2403.	286.	286.	0.0	0.0	0.0
	NPA0197				149 41.0							215.37
KING MTN	AKU0453	MATANUSKA RIVER	H		61 15.0	1635.0	3174.	276.	276.	0.0	0.0	0.0
	NPA0198				148 20.0							44.00
LAKE CREEK LOWER	AKU0457	LAKE CREEK	H		62 7.0	335.0	980.	305.	305.	0.0	0.0	0.0
	NPA0199				151 0.							22.00
LAKE CREEK UPPER	AKU0458	LAKE CREEK	H		62 26.0	65.0	248.	560.	560.	0.0	0.0	0.0
	NPA0200				151 28.0							15.00
LANE	AKU0459	SUSITNA RIVER	H		62 33.0	6280.0	10360.	169.	169.	0.0	0.0	0.0
	NPA0201				150 5.0							450.92
LOWER CHULITNA	AKU0462	CHULITNA RIVER	H		62 34.0	2600.0	8771.	89.	89.	0.0	0.0	0.0
	NPA0202				150 14.0							90.00
LUCY	AKU0463	CHULITNA RIVER	H		62 55.0	1080.0	3588.	166.	166.	0.0	0.0	0.0
	NPA0203				149 58.0							15.00
MCLAREN RIVER	AKU0465	MCLAREN RIVER	H		62 57.0	485.0	1946.	263.	263.	0.0	0.0	0.0
	NPA0204				146 22.0							55.00
MOOSE CREEK	AKU0468	MATANUSKA RIVER	H		61 45.0	2070.0	4027.	166.	166.	0.0	0.0	0.0
	NPA0205				148 42.0							21.00
OHIO	AKU0475	CHULITNA RIVER	H		63 0.	916.0	3064.	224.	224.	0.0	0.0	0.0
	NPA0206				149 45.0							36.00
PALMER	AKU0478	MATANUSKA RIVER	H		61 33.0	2070.0	4027.	166.	166.	0.0	0.0	0.0
	NPA0207				149 5.0							16.00

LEGEND

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(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	TUENT	NAME OF STREAM	PKUJ	NUMBER	CR RIVER	PURP	OWNER	LATITUDE	DRAINAGE	ANNUAL	POWER	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
				(1)				(DM.W)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(MW)	(3)	(3)
COUNTY NAME: MATANUSKA-SUSITN																
PERC POWER SUPPLY AREA 49 PERC REGIONAL OFFICE CODE SP																
PURINTON CREEK	AKU0484	MATANUSKA RIVER	M					61 46.0	1082.0	2070.	291.	0.	0.0	0.0	0.0	0.
	NPA0208							148 0.							67.00	324.0
RUSH LAKE	AKU0486	BOULDER CREEK	M					61 55.0	89.0	108.	892.	0.	0.0	0.0	0.0	0.
	NPA0209							148 1.0							9.00	45.0
SHEEP RIVER	AKU0490	SHEEP RIVER	M					62 18.4	368.0	750.	790.	790.	0.0	0.0	0.0	0.
	NPA0210							149 28.0							132.09	320.2
SKWENTNA (HAYES)	AKU0494	SKWENTNA RIVER	M					61 52.0	950.0	2624.	291.	291.	0.0	0.0	0.0	0.
	NPA0211							152 7.0							225.18	559.5
STRANCLINE LAKE	AKU0500	BELUGA RIVER	M					61 29.0	54.0	159.	852.	0.	0.0	0.0	0.0	0.
	NPA0212							152 0.							17.00	81.0
TALACHULITA	AKU0503	SKWENTNA RIVER	M					61 52.0	2250.0	6216.	124.	124.	0.0	0.0	0.0	0.
	NPA0213							151 22.0							227.25	564.6
TALACHULITNA RIV	AKU0504	TALACHULITNA RIVER	M					61 46.0	360.0	994.	231.	0.	0.0	0.0	0.0	0.
	NPA0214							151 28.0							28.00	137.0
TALKEETNA RIVER	AKU0505	TALKEETNA RIVER	M					62 25.0	1790.0	6072.	91.	0.	0.0	0.0	0.0	0.
(SHEEP)	NPA0215							149 57.0							31.00	149.0
TALKEETNA 2	AKU0506	TALKEETNA RIVER	M					62 28.0	850.0	1650.	370.	0.	0.0	0.0	0.0	0.
	NPA0216							149 22.0							92.80	408.0
TALKEETNA 3	AKU0507	TALKEETNA RIVER	M					62 26.2	1150.0	2350.	350.	350.	0.0	0.0	0.0	0.
	NPA0217							149 41.0							242.48	593.0
TOKICHITNA	AKU0513	CHULITNA RIVER	M					62 34.0	2560.0	8654.	186.	186.	0.0	0.0	0.0	0.
	NPA0218							150 12.0							86.13	358.0
TRAPPER	AKU0515	TALKEETNA RIVER	M					62 33.0	760.0	1573.	245.	0.	0.0	0.0	0.0	0.
	NPA0219							149 3.0							45.00	216.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLUOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PEAK POND, D=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	*LATITUDE *LONGITUDE	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET POWER OF HEAD (FT)	*HEIGHT OF DAM (FT)	*MAXIMUM STORAGE (MM)	*CAPACITY ENERGY (GWH)
COUNTY NAME: MATANUSKA-SUSITNA											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
VEE USBR PROPOSAL	AKU0521	SUSITNA RIVER	H		* 62 42.0 *147 32.0	* 4140.0	* 6533.0	* 430.0	* 430.0	* 0.0	* 0.0
L	NPA0220									* 756.35	* 12003.8
MATANA USBR PROPOSAL	AKU0522	SUSITNA RIVER	H		* 62 49.0 *148 31.0	* 5180.0	* 8343.0	* 425.0	* 425.0	* 0.0	* 0.0
OSAL	NPA0221									* 935.35	* 12478.0
MATANA NPA PROPOSAL	AKU0523	SUSITNA RIVER	H	DAEN NPA	* 62 49.0 *146 31.0	* 5180.0	* 8137.0	* 660.0	* 720.0	* 9624.0	* 0.0
SAL	NPA0222									* 1452.54	* 13842.1
WHISKERS	AKU0524	SUSITNA RIVER	H		* 62 28.0 *150 8.0	* 6320.0	* 10360.0	* 59.0	* 59.0	* 0.0	* 0.0
	NPA0223									* 65.14	* 273.9
YENTNA	AKU0527	YENTNA RIVER	H		* 61 37.0 *150 32.0	* 6400.0	* 17611.0	* 82.0	* 82.0	* 0.0	* 0.0
	NPA0224									* 116.79	* 493.9
EKLUTNA DAM	AKU0033	EKLUTNA RIVER	H	DOI USBR	* 61 24.7 *149 9.4	* 119.0	* 188.0	* 851.0	* 39.0	* 280.0	* 184.0
	NPA0225									* 0.0	* 0.0
COUNTY NAME: NONE											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
KUZITRIN RIVER	AKU0379	KUZITRIN RIVER	H		* 65 13.0 *166 1.0	* 1790.0	* 3136.0	* 95.0	* 95.0	* 0.0	* 0.0
	NPA0226									* 52.07	* 67.5
SALMON LAKE	AKU0383	KRUZGAMER RIVER	H		* 64 55.0 *165 0.0	* 107.0	* 266.0	* 155.0	* 0.0	* 0.0	* 0.0
	NPA0227									* 5.00	* 24.0
TUKSUK	AKU0384	TUKSUK CHANEL I	H		* 65 13.8 *166 1.5	* 4275.0	* 2597.0	* 187.0	* 187.0	* 0.0	* 0.0
	NPA0228	URUK R 8								* 66.00	* 289.0
COUNTY NAME: OUTER KETCHIKAN											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
EAGLE	AKU0117	EAGLE LAKE	H		* 56 0.0 *131 25.0	* 45.0	* 443.0	* 400.0	* 400.0	* 0.0	* 0.0
	NPA0229									* 55.36	* 167.1
COUNTY NAME: NONE											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	PURP#	LONGITUDE	AREA	INFLOW	HEAD	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)			(DM, M)	(SQ MI)	(CF)	(FT)	(FT)	(AC FT)	(3)	(3)	(GWH)
COUNTY NAME: OUNTER KETCHIKAN														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF														
LEDUC	AKU0122	LEDUC R BEHM CAN				55 56.0	7.0	84	1241	1240	0	0	0	0
	NPA0230					130 48.0							21.40	57.2
MARTEN ARM LAKE	AKU0130	MARTEN LAKE				55 8.0	6.0	48	510	510	0	0	0	0
	NPA0231					130 37.0							10.08	27.4
PUNCHBOWL CREEK	AKU0164	PUNCHBOWL CR				55 32.0	14.0	174	622	622	0	0	0	0
	NPA0232					130 46.0							21.44	48.4
PUNCHBOWL LAKE	AKU0165	PUNCHBOWL CREEK				55 31.0	12.0	153	632	632	0	0	0	0
OWNER	NPA0233					130 47.0							25.32	70.4
PUNCHBOWL LAKE	AKU0166	PUNCHBOWL CREEK				55 26.0	3.0	37	1268	1268	0	0	0	0
PPER	NPA0234					130 44.0							14.35	34.3
RED LAKE	AKU0168	RED R BOCA DE QU				55 8.0	44.0	566	347	347	0	0	0	0
	NPA0235	ADORE				130 31.0							46.98	141.7
RUDYERD	AKU0173	MINOR R				55 32.0	8.0	67	1675	1675	0	0	0	0
	NPA0236					130 37.0							29.90	96.3
SAKS COVE	AKU0178	SAKS CREEK				55 58.0	22.0	207	621	0	0	0	0	0
	NPA0237					131 5.0							15.00	67.0
SALMON RIVER	AKU0181	SALMON RIVER				55 54.0	65.0	0	60	0	0	0	0	0
	NPA0238					130 10.0							1.13	6.5
SMELOKUM	AKU0185	SMELOKUM LAKE				55 58.0	17.0	216	350	350	0	0	0	0
	NPA0239					131 38.0							18.30	55.2
SHORT CREEK	AKU0188	REFLECTION LAKE				56 0	19.0	216	325	325	0	0	0	0
	NPA0240					131 31.0							18.54	57.0
SPUR	AKU0193	MINOR R				56 9.0	10.0	115	1766	1766	0	0	0	0
	NPA0241					131 4.0							43.50	116.2

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=POND, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

( 07/09/79 )

PROJECT NAME	IDNT	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	OR RIVER	PUMP#	LONGITUDE	AREA	ANNUAL	POWER	OF	OF	(1000	(MM)	(BHM)
	(1)		(2)	(DN,M)	(SQ MI)	(CFR)	(FT)	(FT)	AC FT)	(3)	(3)	(3)
COUNTY NAME: OUTER KETCHIKAN												
WILSON RIVER	AKU0225	WILSON RIVER	M	58 28.0	70.0	773.	166.	0.	0.	0.	0.	0.
	NPA0242			130 37.0								15.00
WINSTANLEY	AKU0226	WINSTANLEY CREEK	M	55 24.2	13.0	0.	345.	0.	0.	0.	0.	0.
	NPA0243			130 52.5								5.40
BADGER BAY LAKE	AKU0238	BADGER BAY LAKE	M	55 13.0	8.0	0.	330.	0.	0.	0.	0.	0.
	NPA0244			130 46.0								3.00
BAKENELL ARM	AKU0239	BAKENELL ARM LAKE	M	55 19.0	20.0	195.	165.	0.	0.	0.	0.	0.
	NPA0245			130 42.0								5.41
CHECATS	AKU0254	CHECATS LAKE	M	55 29.0	15.0	80.	750.	750.	0.	0.	0.	0.
	NPA0246			130 49.0								25.10
CHICKAMIN RIVER	AKU0256	CHICKAMIN RIVER	M	56 0.	562.0	6624.	220.	0.	0.	0.	0.	0.
	NPA0247			130 37.3								150.00
DAVIS RIVER	AKU0268	DAVIS RIVER	M	55 45.3	78.0	920.	367.	0.	0.	0.	0.	0.
	NPA0248			130 10.3								28.00
FISH CREEK	AKU0279	FISH CREEK	M	55 57.2	34.0	0.	295.	0.	0.	0.	0.	0.
	NPA0249			130 34.								5.20
GRANITE CREEK	AKU0288	GRANITE CREEK	M	55 40.0	9.0	113.	863.	0.	0.	0.	0.	0.
	NPA0250			130 55.0								8.00
HIDDEN INLET LAKE	AKU0295	WATERFALLS CREEK	M	54 58.0	10.0	105.	300.	300.	0.	0.	0.	0.
	NPA0251			130 22.0								10.47
HUMPBAC LAKE	AKU0297	HUMPBAC CREEK	M	55 1.0	34.0	310.	300.	300.	0.	0.	0.	0.
	NPA0252			130 38.0								33.60
PURPLE LAKE	AKU0037	PURPLE LAKE	M	55 6.0	7.0	94.	340.	0.	0.	0.	0.	0.
	NPA0253			131 30.0								3.00
												2.21

LEGEND

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 (2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=LOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
 (3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
 (3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   A L A S K A

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM * CR RIVER * (2) *	PROJ * PURP * (3) *	OWNER	*LATITUDE *LONGITUDE (DM,N)	*DRAINAGE *AREA (SQ MI)	*AVERAGE *ANNUAL *INFLOW (CFS)	*NET *HEIGHT *OF * *HEAD * (FT)	*STORAGE *CAPACITY (1000 AC FT)	*ENERGY (GWH) (3) *
COUNTY NAME: PRINCE OF WALES										
FERC POWER SUPPLY AREA 49   FERC REGIONAL OFFICE CODE 3F										
LUCK LAKE	AKU0126 NPA0254	LUCK LAKE			55 57.0 132 43.0	23.0	200.	120.	0.0	0.0
MELLEN LAKE	AKU0138 NPA0255	REYNOLDS CREEK			55 12.0 132 36.0	6.0	62.	865.	0.0	0.0
MYRTLE CREEK	AKU0142 NPA0256	MYRTLE CREEK			55 4.3 132 3.8	4.0	0.	78.	0.0	0.0
NECK ISLAND LAKE	AKU0147 NPA0257	NECK ISLAND LAKE			56 6.0 133 8.0	18.0	170.	120.	0.0	0.0
MILACK LAKE	AKU0149 NPA0258	MYRTLE CREEK			55 5.0 132 8.0	3.0	64.	294.	0.0	0.0
REYNOLDS CREEK	AKU0170 NPA0259	REYNOLDS CREEK			55 18.0 132 35.0	7.0	75.	115.	0.0	0.0
SALMEN LAKE	AKU0179 NPA0260	KARTA RIVER			55 33.0 132 38.0	48.0	459.	90.	0.0	0.0
SHIPLEY LAKE	AKU0187 NPA0261	UNNAMED			56 5.0 133 30.0	6.0	68.	110.	0.0	0.0
SUKKMAN LAKE	AKU0195 NPA0262	SUKKMAN LAKE			55 2.3 132 45.3	7.0	0.	410.	0.0	0.0
SUMMIT LAKE	AKU0197 NPA0263	SUMMIT LAKE			55 35.0 132 38.0	4.0	37.	393.	0.0	0.0
THORNE	AKU0209 NPA0264	THORNE RIVER			55 42.0 132 36.0	166.0	1510.	103.	0.0	0.0
WATERFALL LAKE	AKU0218 NPA0265	WATERFALL LAKE			54 58.2 133 6.0	3.0	0.	500.	0.0	0.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
O=DEBRIS CONTROL, P=PAH, PONO, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM.M)	LONGITUDE (SG MI)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLW (CF8)	NET POWER OF DAM (MW)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (3)	ENERGY (GWH)
COUNTY NAME: PRINCE OF WALES														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F														
WEIGLE LAKE	AKU0219	WEIGLE LAKE		M		55 2.0	5.0	35.0	750.0	750.0	0.0	0.0	0.0	0.0
	NPA0266					132 12.0						4.21	15.0	
CHONONDELEY SOUND	AKU0259	CHONONDELEY CREEK		M		55 14.5	2.0	0.0	150.0	0.0	0.0	0.0	0.0	0.0
	NPA0267					132 19.2							4.0	3.0
KEGAN CREEK	AKU0302	KEGAN CREEK		M		55 1.1	9.0	0.0	110.0	0.0	0.0	0.0	0.0	0.0
	NPA0268					132 9.3							4.50	26.2
KLAKAS LAKE	AKU0305	UNNAMED		M		55 0.0	11.0	130.0	120.0	120.0	0.0	0.0	0.0	0.0
	NPA0269					132 23.0							2.22	5.8
KLAWAK LAKE	AKU0306	KLAWAK LAKE		M		55 32.0	18.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0
	NPA0270					133 1.0							4.4	2.3
KUGEL LAKE	AKU0308	KUGEL CREEK		M		55 2.0	8.0	70.0	427.0	427.0	0.0	0.0	0.0	0.0
	NPA0271					132 15.0							4.00	13.8
LINKUM	AKU0057	LINKUM CR KASAAH		M	PACIFIC AER	55 32.0	7.0	46.0	305.0	0.0	0.0	0.0	0.0	0.0
	NPA0272	HAY PW ISL			ICAN FISH	132 24.0							2.85	8.9
COUNTY NAME: SEWARD														
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 8F														
CRESCENT LAKE 2	AKU0420	CRESCENT LAKE		M		60 40.0	23.0	52.0	934.0	0.0	0.0	0.0	0.0	0.0
	NPA0273					149 29.0							6.00	29.0
GRANT LAKE	AKU0431	GRANT LAKE		M		60 28.0	44.0	193.0	294.0	294.0	0.0	0.0	0.0	0.0
	NPA0274					149 21.0							4.78	23.1
JUNEAU	AKU0443	JUNEAU CREEK		M		60 29.5	52.0	134.0	700.0	700.0	0.0	0.0	0.0	0.0
	NPA0275					149 54.1							5.51	23.9
KENAI LAKE	AKU0448	KENAI RIVER		M		60 24.0	660.0	2801.0	341.0	0.0	0.0	0.0	0.0	0.0
	NPA0276					149 37.0							115.00	552.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) - DERRIS CONTROL, P&FARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM, M)	LONGITUDE (DM, M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF POWER HEAD (FT)	STORAGE CAPACITY (MM)	ENERGY (KWH) (3)
COUNTY NAME: SEWARD											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
LOST LAKE	AKU0460	LOST CREEK	H		60 16.0	149 22.0	7.0	28.0	1390.0	0.0	0.0
	AKU0277									33.68	62.5
NELLIE JUAN RIVER	AKU0472	NELLIE JUAN RIVER	H		60 24.0	148 50.0	35.0	262.0	421.0	0.0	0.0
R UPPER	AKU0278									12.00	57.0
NELLIE JUAN RIVER	AKU0473	NELLIE JUAN RIVER	H		60 27.0	148 47.0	130.0	977.0	240.0	0.0	0.0
R	AKU0279									10.00	47.0
PTARMIGAN LAKE	AKU0483	PTARMIGAN CREEK	H		60 27.5	149 21.2	24.0	50.0	1122.0	0.0	0.0
PROJECT	AKU0280									8.53	37.3
RESURRECTION RIVER	AKU0485	RESURRECTION RIVER	H		60 52.0	149 42.0	141.0	828.0	233.0	0.0	0.0
	AKU0281									18.00	86.0
SAN JUAN	AKU0488	SAN JUAN CREEK	H		59 49.0	147 55.0	1.0	0.0	150.0	0.0	0.0
	AKU0282									0.67	.1
SNOW	AKU0495	SNOW RIVER	H		60 18.0	149 18.0	85.0	739.0	653.0	0.0	0.0
	AKU0283									32.53	134.0
SUNRISE LAKE	AKU0502	SUNRISE CREEK	H		60 52.0	149 27.0	238.0	483.0	327.0	0.0	0.0
	AKU0284									11.00	52.0
COOPER LAKE DAM	AKU0001	COOPER CREEK	H	CHUGACH ELEC	60 26.0	149 49.2	31.0	40.0	777.0	60.0	108.0
	AKU0285			TRIC ASSOC.						15.00	41.0
MOOSE PASS	AKU0053	NAME MINOR BA			60 30.0	149 24.0	25.0	32.0	168.0	0.0	0.0
	AKU0286									0.70	3.2
COUNTY NAME: SITKA											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
GREEN LAKE	AKU0072	ANDOPAD R	H	CITY OF SITKA	56 59.0	135 7.0	29.0	290.0	353.0	106.0	0.0
	AKU0287									29.46	95.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) - DEBRIS CONTROL, PAFAR POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM.M)	LONGITUDE (DM.M)	AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF HEAD (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: SITKA												
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 8F												
SUPERIOR	AKU0078	CHICKAGOF	H	SUPERIOR PK	57 48.0	135 6.0	23.0	218.0	339.0	363.0	0.0	0.0
	NPA0288	ISL		SG CO							17.53	52.2
LAKE IRINA	AKU0120	UNNAMED	H		56 55.0	135 8.0	1.0	15.0	1825.0	1825.0	0.0	0.0
	NPA0289										9.75	28.9
LAKE SURPRISE	AKU0121	UNNAMED	H		57 19.3	135 49.3	1.0	0.0	390.0	0.0	0.0	0.0
	NPA0290										.75	3.9
MAKSOUTOE RIVER	AKU0129	MAKSOUTOE RIVER	H		56 30.0	134 58.0	24.0	375.0	570.0	570.0	0.0	0.0
	NPA0291										39.36	128.0
MEDVEJIA LAKE	AKU0135	UNNAMED	H		57 1.3	135 7.0	7.0	0.0	210.0	0.0	0.0	0.0
	NPA0292										1.40	7.2
MEDVETCHA	AKU0136	MEDVETCHA RIVER	H		57 2.5	135 13.3	39.0	0.0	305.0	0.0	0.0	0.0
	NPA0293										.90	1.2
MILK LAKE	AKU0140	MILK CREEK	H		56 58.0	134 47.0	11.0	230.0	666.0	0.0	0.0	0.0
	NPA0294										7.00	33.0
NAKAVASSIN LAKE	AKU0145	NAKAVASSIN CREEK	H		56 27.0	134 44.1	4.0	0.0	175.0	0.0	0.0	0.0
	NPA0295										1.60	7.2
NELSON LAKE	AKU0148	UNNAMED	H		56 56.0	134 45.0	6.0	85.0	440.0	440.0	0.0	0.0
	NPA0296										5.56	24.3
OSPREY LAKE	AKU0153	NEW PORT WALTER	H		56 24.0	134 40.0	3.0	0.0	252.0	0.0	0.0	0.0
	NPA0297	CREEK									1.60	7.8
PARRY LAKE	AKU0154	PARRY CREEK	H		56 39.0	134 41.0	6.0	0.0	375.0	0.0	0.0	0.0
	NPA0298										4.60	26.2
PATTERSON	AKU0155	PATTERSON LAKE	H		57 38.0	135 48.0	5.0	62.0	430.0	430.0	0.0	0.0
	NPA0299										2.08	8.9

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DROERIS CONTROL, PEFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	LATITUDE (DM.M)	LONGITUDE (SU MI)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFD)	NET HEAD (FT)	DAM (1000 AC FT)	STORAGE CAPACITY (GWH)	ENERGY (3)
COUNTY NAME: SITKA											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF											
PLOTNIKOF LAKE	AKU0160	UNNAMED	H	56 35.0	134 58.0	20.0	309.	315.	0.	0.	0.
	NPA0300									9.00	44.0
PORCUPINE CREEK	AKU0161	PORCUPINE CREEK	H	57 49.0	136 21.0	9.0	128.	655.	655.	0.	0.
	NPA0301									16.47	43.3
PORT ARMSTRONG	AKU0162	SHECKLEY CREEK	H	56 17.5	134 39.4	7.0	0.	270.	0.	18.	0.
	NPA0302									4.20	19.0
PORT SULLIVAN LAKE	AKU0163	UNNAMED	H	56 41.0	134 20.0	1.0	10.	1450.	1450.	0.	0.
	NPA0303									4.84	19.1
REDOUT LAKE	AKU0169	UNNAMED CASCADE	H	56 56.0	135 16.0	40.0	529.	20.	0.	0.	0.
	NPA2603									2.08	7.3
HOSTISLOF LAKE	AKU0172	HOSTISLOF CREEK	H	56 28.3	134 41.3	4.0	0.	550.	0.	35.	0.
	NPA0304									6.00	29.0
RUST LAKE 1	AKU0174	SIMMONS CREEK	H	57 39.0	135 58.0	12.0	0.	690.	0.	0.	0.
	NPA0305									.89	4.2
RUST LAKE 2	AKU0175	RUST CREEK	H	57 36.0	135 59.0	7.0	70.	733.	733.	0.	0.
	NPA0306									14.34	37.7
SADIE	AKU0177	HAXMAN CREEK	H	57 5.0	134 49.0	3.0	35.	465.	465.	0.	0.
	NPA0307									2.99	10.2
SASHIN LAKE	AKU0182	SASHIN CREEK	H	56 21.3	134 41.3	3.0	0.	440.	0.	0.	0.
	NPA0308									1.28	5.8
SULOIA LAKE	AKU0196	SULOIA CREEK	H	57 25.0	135 42.0	9.0	0.	205.	0.	0.	0.
	NPA0309									24.00	110.0
SWAN LAKE	AKU0199	CASCADE CREEK	H	57 0.	132 49.0	19.0	200.	1562.	1562.	0.	0.
	NPA0310									80.34	231.9

LEGEND

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DEBRIS CONTROL, FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT * NUMBER * (1)	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * (DM.M)	*DRAINAGE * AREA * (SQ MI)	*AVERAGE * ANNUAL * INFLOW * (CFS)	*NET *HEIGHT * OF * * HEAD * * (FT)	*MAXIMUM * STORAGE * (1000 * AC FT)	*CAPACITY * * (MW) * (3)	*ENERGY * (GWH) * (3)
COUNTY NAME: SITKA											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SE											
TAKATZ CREEK	*AKU0202* *NPA0311*	*TAKATZ CREEK	*H		*57 7.0 *134 51.0	*11.0	*180.	*991.	*0.0	*0.0	*0.0
TUNAKOF LAKE	*AKU0213* *NPA0312*	*TANAKOF CREEK	*H		*56 22.0 *134 51.3	*4.0	*0.	*135.	*0.0	*0.0	*0.0
ANDEAN LAKE	*AKU0234* *NPA0313*	*ANDEAN CREEK	*H		*56 19.0 *134 47.3	*2.0	*42.	*720.	*0.0	*0.0	*0.0
ANTLER RIVER	*AKU0236* *NPA0314*	*ANTLER RIVER	*H		*58 47.0 *134 52.0	*5.0	*40.	*1813.	*0.0	*0.0	*0.0
BARANOF LAKE	*AKU0240* *NPA0315*	*BARANOF RIVER	*H		*57 9.0 *134 53.0	*32000.0	*436.	*108.	*0.0	*0.0	*0.0
BATURIN LAKE	*AKU0241* *NPA0316*	*BATURIN CREEK	*H		*56 24.0 *134 48.0	*3.0	*30.	*1200.	*0.0	*0.0	*0.0
BENZEMAN LAKE	*AKU0243* *NPA0317*	*BENZEMAN RIVER	*H		*56 45.0 *135 0.	*32.0	*400.	*200.	*0.0	*0.0	*0.0
BLANCHARD LAKE	*AKU0245* *NPA0318*	*BLANCHARD CREEK	*H		*56 37.0 *134 40.0	*3.0	*65.	*455.	*0.0	*0.0	*0.0
BORODINO LAKE	*AKU0246* *NPA0319*	*BIG PORT WALTER *FALLS CREEK	*H		*56 22.3 *134 43.0	*3.0	*66.	*480.	*0.0	*0.0	*0.0
BRENTWOOD CREEK	*AKU0249* *NPA0320*	*BRENTWOOD CREEK	*H		*56 37.3 *134 40.0	*7.0	*135.	*655.	*0.0	*0.0	*0.0
CARBON LAKE	*AKU0251* *NPA0321*	*UNNAMED	*H		*57 2.0 *134 46.0	*27.0	*483.	*260.	*0.0	*0.0	*0.0
CLIFF LAKE	*AKU0260* *NPA0322*	*UNNAMED	*H		*56 32.0 *134 46.0	*6.0	*0.	*128.	*0.0	*0.0	*0.0

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,  
O=OTHERS CONTROL, P=SPERM POND, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (N, M)	LONGITUDE (W, M)	AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (KWH) (3)
DAVIDOF LAKE	AKU0265 NPA2606	DAVIDOF CREEK	H		56 36.4 134 50.3		8.0	106.	275.	0.	0.
DEER LAKE	AKU0269 NPA0323	UNNAMED PARANCE 13L	H		56 31.8 134 40.0		7.0	160.	339.	0.	0.
DEEP LAKE	AKU0270 NPA2609	DEEP CREEK	H		56 51.4 134 44.0		7.0	93.	265.	0.	0.
DIDRICKSON BAY	AKU0271 NPA0324	DIDRICKSON LAKES	H		57 42.0 136 12.0		34.0	0.	119.	0.	0.
DIANA LAKE	AKU0272 NPA0325	UNNAMED	H		56 53.0 135 3.0		4.0	36.	1475.	1475.	0.
DIDRICKSON LAKE	AKU0273 NPA0326	DIDRICKSON LAKE	H		57 45.0 136 11.0		15.0	180.	120.	120.	0.
FINGER LAKE	AKU0278 NPA0327	FINGER CREEK	H		56 36.1 134 41.3		2.0	0.	740.	0.	0.
FOUR FALLS LAKE	AKU0280 NPA0328	UNNAMED	H		57 2.0 134 46.0		2.0	0.	1200.	0.	0.
FURUHELM	AKU0281 NPA0329	FURUHELM RIVER	H		56 23.0 134 48.0		16.0	200.	100.	100.	0.
GOULDING LAKE	AKU0286 NPA0330	GOULDING LAKE	H		57 47.0 136 14.0		27.0	340.	65.	0.	0.
GOULDING LAKE	AKU0287 NPA0331	GOULDING LAKE	H		57 48.3 136 13.0		25.0	315.	195.	195.	0.
GREEN LAKE	AKU0289 NPA0332	VODOPAD RIVER	H		56 59.0 135 7.0		29.0	290.	353.	353.	0.

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT	NAME OF STREAM OR RIVER	PROJ#	PURP#	OWNER	LATITUDE	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 (MM))	CAPACITY (3) (3)	ENERGY
	(1)			(2)		(DM.M)							
COUNTY NAME: SITKA													
PERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE SF													
HIDDEN FALLS LAKE	AKU0293	UNNAMED CREEK	H			57 13.0	9.0	0	495	0	0	0	0
ES	NPA0333					134 53.0					28.00	11.0	
HIDDEN FALLS LAKE	AKU0294	UNNAMED	H			57 13.0	2.0	33	905	905	0	0	0
E UPPER	NPA0334					134 53.0					4.64	17.8	
KASNYU LAKE	AKU0299	HIDDEN FALLS CREEK	H			57 11.0	5.0	70	651	651	0	0	0
	NPA0335	EEK				134 50.0					5.72	26.8	
KELP	AKU0303	UNNAMED	H			57 21.0	21.0	222	612	0	0	0	0
	NPA0336					135 5.0					16.00	66.0	
LAKE EKATERINA	AKU0312	UNNAMED	H			56 51.0	15.0	0	82	0	0	0	0
	NPA0337					135 3.3					3.70	14.0	
LAKE EVA	AKU0313	EVA CREEK	H			57 24.0	15.0	0	40	0	0	0	0
	NPA0338					135 6.3					1.18	0.6	
BLUE LAKE DAM	AK00002	SAMMILL CREEK	MS		CITY OF SITKA	57 3.8	38.0	503	328	141	208	6.00	35.0
	NPA0339				A	135 11.5					29.87	81.6	
SITKA DAM	AK00032	MEDVETCHA	MS		CITY OF SITKA	57 4.0	39.0	516	450	210	185	0	0
	NPA0340				A	135 20.0					50.50	164.2	
SHECKLEY	AK00038	SHECKLEY CR	H			56 18.0	7.0	148	340	0	0	0	0
	NPA0341					134 42.0					5.70	32.4	
COLLEGE	AK00039	SITKA	H			57 12.0	10.0	132	340	0	0	0	0
	NPA0342					135 18.0					9.78	31.8	
SHORT	AK00040	BARANOF	H			57 6.0	6.0	90	51	0	0	0	0
	NPA0343					134 48.0					1.07	3.2	
BAHOMEL	AK00041	HARM SPRINGS BAY	H		FRED BAHOMEL	57 6.0	11.0	146	51	0	0	0	0
	NPA0344					134 48.0					1.56	5.2	

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROCOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - ES INSTALLED CAPACITY AND ENERGY NENK INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	ID	NAME OF STREAM	PROJ#	LONGITUDE	AREA	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP#	(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)	(3)
COUNTY NAME: SITKA													
SWANSON	AK00042	NAME CHICHAGO	SWAN	57 30.0	7.0	75.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0345	F ISL	SON	135 18.0							1.00	0.0	2.6
PELICAN CREEK	AK00043	ELISANSKE INLET	PELICAN UTIL	57 54.0	9.0	96.0	120.0	0.0	0.0	0.0	0.0	0.0	2.0
	NPA0346		CU	136 12.0							2.19	0.0	5.7
COUNTY NAME: SHASHAYAKUTAT													
PAVLOF CREEK	AKU0156	UNNAMED		57 50.3	23.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0347			135 3.0							0.27	0.0	1.3
PELICAN	AKU0157	PELICAN COVE CREEK		57 57.2	13.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0348	EK		136 13.0							2.90	0.0	13.0
SITKOH LAKE	AKU0190	SITKOH CREEK		57 30.3	9.0	0.0	185.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0349			135 5.0							1.95	0.0	9.1
WEST CREEK	AKU0220	WEST CREEK		59 37.0	40.0	370.0	625.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0350			135 19.0							21.00	0.0	105.0
WEST CREEK TAIYA	AKU0221	WEST CREEK TAIYA		59 31.7	39.0	400.0	750.0	750.0	0.0	0.0	0.0	0.0	0.0
	NPA0351			135 21.0							33.22	0.0	73.0
WOOD	AKU0227	WOOD LAKE		58 35.0	10.0	100.0	200.0	200.0	0.0	0.0	0.0	0.0	0.0
	NPA0352			136 28.0							3.00	0.0	13.3
YUKON-TAIYA	AKU0229	TAIYA		59 34.0	25700.0	10647.0	1913.0	1913.0	0.0	0.0	0.0	0.0	0.0
	NPA0353			135 20.0							162612.28	0.0	0.0
ABYSS LAKE	AKU0231	DUNDAS RIVER		58 30.2	8.0	100.0	520.0	520.0	0.0	0.0	0.0	0.0	0.0
	NPA0354			136 33.0							7.90	0.0	34.6
ALSEK RIVER	AKU0232	ALSEK RIVER		59 25.0	11000.0	16560.0	166.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPA0355			130 5.0							310.00	0.0	1400.0

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
O=DEBRIS CONTROL, P=FARM POND, D=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CK RIVER	PRCJ PURP (2)	Q=NER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (FT)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (3)	ENERGY (GWH)
COUNTY NAME: SHASHAYAKUTAY													
PERC POWER SUPPLY AREA 49 PERC REGIONAL OFFICE CODE 8F													
CRATER LAKE	AKU0263	CRATER CREEK	M		60 4.0	12.0	80.0	980.0	0.0	0.0	0.0	0.0	0.0
	NPA0356				191 3.0							9.16	41.5
GOAT LAKE	AKU0284	PITCHFORK FALLS	M		59 31.3	4.0	41.0	2017.0	0.0	0.0	0.0	0.0	0.0
	NPA0357				135 11.0							10.00	46.0
KOOK LAKE	AKU0307	KOOK CREEK	M		57 40.0	29.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0
	NPA0358				134 59.0							1.05	6.5
DEWEY LAKES	AKU0009	DEWEY CREEK	MS		59 26.5	11.0	117.0	450.0	30.0	0.0	0.0	38.0	1.0
	NPA0359				135 19.0							5.14	24.0
COUNTY NAME: S.E. FAIRBANKS													
PERC POWER SUPPLY AREA 49 PERC REGIONAL OFFICE CODE 8F													
BIG DELTA	AKU0318	TANANA RIVER	M		64 9.3	15300.0	17266.0	99.0	99.0	0.0	0.0	0.0	0.0
	NPA0360				145 3.0							365.51	1204.8
CATHEDRAL BLUFFS	AKU0323	TANANA RIVER	M		63 23.2	8550.0	8011.0	146.0	146.0	0.0	0.0	0.0	0.0
	NPA0361				193 46.3							302.78	848.7
CHISANA RIVER	AKU0326	CHISANA RIVER	M		62 16.3	732.0	600.0	883.0	883.0	0.0	0.0	0.0	0.0
	NPA0362				144 50.4							170.00	797.0
GOODPASTER	AKU0335	GOODPASTER RIVER	M		64 30.0	517.0	390.0	200.0	200.0	0.0	0.0	0.0	0.0
	NPA0363				144 30.0							42.19	102.7
JOHNSON	AKU0343	TANANA RIVER	M		63 43.2	10450.0	10800.0	149.0	180.0	0.0	0.0	0.0	0.0
	NPA2615				144 37.0							377.67	1053.6
NABESNA	AKU0352	NABESNA RIVER	M		62 45.6	2145.0	1300.0	191.0	363.0	0.0	0.0	0.0	0.0
	NPA2631				142 10.1							39.83	174.2
ROCK LAKE	AKU0356	PTARIGAN CREEK	M		61 57.0	93.0	193.0	514.0	363.0	0.0	0.0	0.0	0.0
	NPA2633				141 20.0							77.32	328.7
L E G E N D													

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D=DEBRIS CONTROL P=FAH POND, D=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - US-INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ# PURP# (2)	OWNER	LATITUDE (LONG, M)	DRAINAGE (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (GWH)	ENERGY (3)
COUNTY NAME: S.E. PANHANDLE												
SASALCHA RIVER	AKU03358	SASALCHA RIVER	M		64 38.3	1900.0	1140.0	136.0		0.0	0.0	0.0
	NPA03364				145 27.0					66.65	130.7	
COUNTY NAME: UPPER YUKON												
AFTERBAY	AKU03140	E F CHANDALAR RIVER	M		66 55.0	3500.0	2070.0	99.0	0.0	0.0	0.0	0.0
	NPA03350	EVER			147 10.0					25.00	122.0	
BIRCH	AKU03119	BIRCH CREEK	M		65 21.0	730.0	550.0	200.0	200.0	0.0	0.0	0.0
	NPA03366				144 47.0					37.29	117.6	
EAST FORK CHANDALAR	AKU03290	E F CHANDALAR RIVER	M		68 2.0	2500.0	938.0	162.0	0.0	0.0	0.0	0.0
	NPA03367	EVER			135 53.0					19.00	90.0	
FORTYHILE	AKU03330	FORTYHILE RIVER	M		64 16.0	6060.0	4462.0	324.0	324.0	0.0	0.0	0.0
	NPA03368				141 14.0					348.49	1016.4	
FORTYHILE N E	AKU03310	NORTH FORK FORTYHILE	M		64 20.0	2065.0	1298.0	249.0	249.0	0.0	0.0	0.0
	NPA03369	MILE			141 58.0					91.26	266.2	
FORTYHILE SF	AKU03320	SOUTH FORK FORTYHILE	M		64 32.0	2600.0	2070.0	228.0	0.0	0.0	0.0	0.0
	NPA03370	MILE			142 0.0					51.00	243.0	
LITTLE ROCK	AKU03360	E F CHANDALAR RIVER	M		67 13.8	4200.0	3700.0	132.0	363.0	65.0	0.0	0.0
	NPA02628	EVER			146 9.0					124.69	209.1	
WOODCHOPPER	AKU03405	YUKON RIVER	M		65 21.2	122000.0	79562.0	300.0	300.0	0.0	0.0	0.0
	NPA03371				143 21.0					7532.22	11596.0	
ZIMMERMAN	AKU03367	UNNAMED	M		67 0.0	5500.0	2070.0	164.0	0.0	0.0	0.0	0.0
	NPA03372				147 4.3					440.00	210.0	

LEGEND

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- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) - UNINSTALLED CAPACITY AND ENERGY
- (6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)







( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	AVG ANNUAL INFLW	NET HEAD	MAXIMUM STORAGE	CAPACITY	ENERGY
				(CFS)	(FT)	(1000 AC FT)	(3)	(3)
COUNTY NAME: VALDEZ								
COUNTY NAME: VALDEZ								
SILVER LAKE	AK00493	DUCK RIVER	M	25.0	346.	0.	0.	0.
	NPA0363							
SOLOMON GULCH	AK00496	SOLOMON GULCH	M	18.0	608.	0.	0.	0.
	NPA0364							
SUMMIT LAKE	AK00501	GULNANA RIVER	M	63.0	500.	0.	0.	0.
	NPA0385							
TAZLINA	AK00508	TAZLINA RIVER	M	1970.0	273.	0.	0.	0.
	NPA0366							
TOLSONA CREEK	AK00514	TOLSONA CREEK	M	174.0	460.	0.	0.	0.
	NPA0367							
SAN JUAN	AK00019	SAN JUAN CREEK	M	2.0	300.	0.	0.	0.
	NPA0368							
GROUSE CREEK	AK00026	GROUSE CREEK	M	2.0	300.	0.	0.	0.
	NPA0369							
DAYVILLE	AK00052	ALLISON CREEK	M	6.0	168.	0.	0.	0.
	NPA0390							
COUNTY NAME: NADE HAMPTON								
ANVIL RIVER	AK00317	ANVIL RIVER	M	0.	125.	0.	0.	0.
	NPA0391							
CHULNAK RIVER	AK00327	ATCHILNAK RIVER	M	162.0	193.	0.	0.	0.
PPER	NPA0392							

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CROFTON CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,  
(2) DEBRIS CONTROL, PEFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY - NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - ESTIMATED CAPACITY AND ENERGY - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

LEGEND



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT * NUMBER (1)	NAME OF STREAM OR RIVER	PROJ * PURP (2)	OWNER	LATITUDE * (N, M)	DRAINAGE AREA * (SQ MI)	AVERAGE ANNUAL INFLOW * (CFS)	NET HEIGHT * OF HEAD * (FT)	STORAGE CAPACITY * (1000 AC FT)	ENERGY * (WH) (3)
COUNTY NAMES	WASILLA-PETERSB									
THOMS LAKE	*AKU0208*	THOMS CREEK	*H		*56 14.0*	*13.0*	*0.0*	*230.0*	*0.0*	*0.0*
	*NPA0405*				*132 15.0*				*0.0*	*4.50*
TOM CREEK	*AKU0210*	TOM CREEK	*H		*56 12.4*	*17.0*	*0.0*	*380.0*	*0.0*	*0.0*
	*NPA0406*				*131 40.4*				*0.0*	*6.75*
TOWERS CREEK	*AKU0211*	TOWERS CREEK	*H		*56 52.0*	*81.0*	*414.0*	*259.0*	*0.0*	*0.0*
	*NPA0407*				*133 26.0*				*0.0*	*13.00*
TYEE CREEK	*AKU0215*	TYEE CREEK	*H		*56 12.0*	*15.0*	*170.0*	*1275.0*	*0.0*	*0.0*
	*NPA0409*				*131 33.0*				*0.0*	*49.00*
VIRGINIA LAKE	*AKU0217*	MILL CREEK EAST	*H		*56 28.4*	*1.0*	*0.0*	*1400.0*	*0.0*	*0.0*
	*NPA0409*	PASS			*132 10.0*				*0.0*	*6.00*
WHITE RIVER	*AKU0222*	WHITE RIVER	*H		*56 13.0*	*43.0*	*530.0*	*330.0*	*0.0*	*0.0*
	*NPA0410*				*131 30.0*				*0.0*	*39.00*
WILKES RANGE	*AKU0224*	STIKINE RIVER	*H		*56 43.0*	*1.0*	*0.0*	*1400.0*	*0.0*	*0.0*
	*NPA0411*				*132 26.0*				*0.0*	*2.85*
AARON	*AKU0230*	AARON CREEK	*H		*56 23.0*	*81.0*	*900.0*	*183.0*	*0.0*	*0.0*
	*NPA0412*				*131 55.0*				*0.0*	*10.86*
ANAN CREEK	*AKU0233*	ANAN CREEK	*H		*56 10.0*	*27.0*	*276.0*	*230.0*	*0.0*	*0.0*
	*NPA0413*				*131 52.3*				*0.0*	*7.00*
ANITA + KUNK	*AKU0235*	ZIMOVIA STRAIT	*H		*56 17.0*	*10.0*	*0.0*	*270.0*	*0.0*	*0.0*
	*NPA0414*				*132 28.0*				*0.0*	*8.00*
BRADFELD RIVER NORTH	*AKU0248*	N BRADFELD RIVER	*H		*56 20.0*	*150.0*	*1659.0*	*157.0*	*0.0*	*0.0*
	*NPA0415*				*131 22.0*				*0.0*	*27.00*
BURNETT LAKE	*AKU0250*	BURNETT CREEK	*H		*56 6.0*	*7.0*	*80.0*	*230.0*	*0.0*	*0.0*
	*NPA0416*				*132 28.0*				*0.0*	*2.47*

LEGEND

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D=DEBRIS CONTROL, P=PAVING, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE LINES (U.S.A.C.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DECKS CONTROL, PEPARK POND, DOTHEN
- (3) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   A L A S K A

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ NUMBER	OWNER	CLATITUDE	DRAINAGE AREA	ANNUAL FLOW	AVERAGE ANNUAL FLOW	NET HEAD	STORAGE CAPACITY	ENERGY
	(1)		(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)
COUNTY NAME: YUKON-KOYUKUK											
FERC POWER SUPPLY AREA 49   FERC REGIONAL OFFICE CODE SF											
BROWNE	AKU0320	NENANA RIVER	NP0427		54 11.0	2450.0	4692	207	0	0	0
					149 15.0					80.00	365.0
BRUSKANSNA	AKU0321	NENANA RIVER		CORDOVA PUB	63 24.0	650.0	1139	212	250	0	0
	NP02611			UTIL	148 30.0					66.39	165.2
CARLO	AKU0322	NENANA RIVER			63 40.0	650.0	1141	212	212	0	0
	NP04028				148 49.0					72.77	181.0
DULBI	AKU0328	KOYUKUK		CORDOVA PUB	65 24.0	25700.0	26500	69	78	0	0
	NP02612			UTIL	156 24.0					535.33	390.1
FRY ISLAND	AKU0333	KOYUKUK RIVER			65 43.7	19950.0	19320	54	0	0	0
	NP04029				154 56.3					114.00	622.0
HEALY	AKU0336	NENANA RIVER			63 49.0	1900.0	3695	291	291	0	0
	NP04030				148 57.0					291.97	726.1
HUGHES	AKU0338	KOYUKUK RIVER		CORDOVA PUB	66 0	10700.0	16900	49	49	0	0
	NP02614			UTIL	154 16.0					280.70	466.7
JACK RIVER	AKU0339	JACK RIVER		CORDOVA PUB	63 19.8	135.0	405	467	363	0	0
	NP02622			UTIL	148 50.0					30.38	75.6
JACK WHITE	AKU0340	KOYUKUK RIVER			66 54.0	6700.0	4140	136	363	0	0
	NP02623			UTIL	152 25.0					2781.47	7791.4
JIM RIVER	AKU0341	JIM RIVER		CORDOVA PUB	66 46.8	470.0	442	162	363	0	0
	NP02624			UTIL	151 11.3					232.42	632.7
JOHN RIVER	AKU0342	JOHN RIVER		CORDOVA PUB	67 15.0	2695.0	2622	800	363	0	0
	NP02625			UTIL	155 39.0					6581.27	17915
JUNCTION ISLAND	AKU0344	TANANA RIVER		CORDOVA PUB	64 52.8	42500.0	34000	114	125	0	0
	NP02616			UTIL	150 20.0					481.41	1049.8
L E G E N D											

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D=DERRIS CONTROL, P=PAN POND, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/04/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PURPOSE (2)	OWNER	LATITUDE (DM, M)	LONGITUDE (DM, M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (FT)	NET HEAD (FT)	DAM (FT)	STORAGE CAPACITY (1000 GPM)	ENERGY (3)
COUNTY NAME: YUKON-KOYUKUK													
FERC POWER SUPPLY AREA - 0 FERC REGIONAL OFFICE CODE SP													
KALTAG RIVER	AKU0345	YUKON RIVER	HY	CORDOVA PUB	64 13.8	158 39.0	296000.0	191800.0	117.0	363.0	65.0	0.0	0.0
	NPA2626			UTIL								6241.32	18157.0
KANTISHNA RIVER	AKU0346	KANTISHNA RIVER	HY	CORDOVA PUB	64 45.6	150 30.0	5440.0	7176.0	95.0	363.0	65.0	0.0	0.0
	NPA2627			UTIL								1577.55	4294.2
KANUTI	AKU0347	KOYUKUK RIVER	HY	CORDOVA PUB	66 27.6	153 5.0	18000.0	16400.0	166.0	180.0	65.0	0.0	0.0
	NPA2617			UTIL								915.33	1921.9
MCKINLEY RIVER	AKU0349	MCKINLEY RIVER	HY	CORDOVA PUB	63 51.6	151 33.0	710.0	1255.0	297.0	363.0	65.0	0.0	0.0
	NPA2629			UTIL								683.69	1792.2
MELOZIITNA RIVER	AKU0350	MELOZIITNA RIVER	HY	CORDOVA PUB	65 15.0	154 45.0	2020.0	1518.0	129.0	363.0	65.0	0.0	0.0
	NPA2630			UTIL								795.43	2165.2
MELOZIITNA	AKU0351	MELOZIITNA RIVER	HY	CORDOVA PUB	64 51.0	155 35.0	2659.0	1932.0	270.0	325.0	65.0	0.0	0.0
	NPA2618			UTIL								152.76	348.3
NOMITNA RIVER	AKU0353	NOMITNA RIVER	HY	CORDOVA PUB	64 22.8	153 37.0	2570.0	3080.0	180.0	363.0	65.0	0.0	0.0
	NPA2632			UTIL								76.27	100.3
RAMPART	AKU0355	YUKON RIVER	HY	CORDOVA PUB	65 19.8	151 1.0	20000.0	112000.0	445.0	437.0	65.0	0.0	0.0
	NPA2620			UTIL								119235.91	740164.0
RUBY	AKU0357	YUKON RIVER	HY	CORDOVA PUB	64 45.6	155 28.0	256000.0	150000.0	72.0	72.0	65.0	0.0	0.0
	NPA2621			UTIL								3001.00	7892.3
TEKLANIKA	AKU0361	TEKLANIKA RIVER	HY		63 59.0	149 33.0	520.0	690.0	457.0	457.0	0.0	0.0	0.0
	NPA0031											93.64	227.3
TOTATLANIKA RIVER	AKU0362	TOTATLANIKA RIVER	HY		64 13.3	148 44.3	250.0	250.0	420.0	420.0	0.0	0.0	0.0
	NPA0432											21.46	100.4
VACHON ISLAND	AKU0363	TANANA RIVER	HY		64 50.0	152 50.0	44500.0	35880.0	96.0	0.0	0.0	0.0	0.0
	NPA0433											426.00	2030.0

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DEBRIS CONTROL, P&FARM POND, O&OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF ALASKA

PROJECT NAME	IDNT * NUMBER * (1) *	NAME OF STREAM CR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE *LONGITUDE (DM, M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL * INFLOW (CFS)	* NET * POWER * HEAD (FT)	* HEIGHT * OF * DAM (FT)	* MAXIMUM * STORAGE * CAPACITY (MU)	* ENERGY (GWH) (3)
COUNTY NAME: YUKON-KOYUKUK											
FERC POWER SUPPLY AREA 49 FERC REGIONAL OFFICE CODE 3F											
WALKER CREEK	AKU0366 NPA0434	NENANA RIVER	H		63 57.0 149 10.0	2330.0	4354.0	166.0	0.0	0.0 35.00	0.0 169.0
YANERT NO 2	AKU0366 NPA0435	NENANA RIVER	H		63 45.0 148 57.0	1190.0	2305.0	232.0	0.0	0.0 62.00	0.0 298.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
DEBRIS CONTROL, PEFARM POND, OTHER  
(3) - E-INSTALLED CAPACITY AND ENERGY NENEM INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U-INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. NUMBER	PURP. (2)	OWNER	LATITUDE (DM, P)	LONGITUDE (DM, P)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (1000)	STORAGE CAPACITY (GWH)	ENERGY (3)
COUNTY NAME: BONNEVILLE													
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF													
PALISADES	ID00273	SNAKE RIVER	IMCR	001	USBR/ID	43 20.0		5208.0	0.	207.	244.	1417.2E	118.80E 610.0
	NP00080				PUMER CC	111 12.0						N	275.20N 318.6
RIRIE	ID00344	WILLOW CREEK	CISH	0AEN	UPH	43 10.0		622.0	215.	179.	188.	100.2E	0.2E 0.
	NP00081					110 40.0						N	12.79N 21.9
COUNTY NAME: BOUNDARY													
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF													
MAPLETON RESERVOIR	ID00365	CUR RIVER	IM			42 3.4		82.0	14650.	125.	0.	0.2U	0.2U 0.
IR	SP00713					111 46.8						N	2.29N 3.4
BLOOMINGTON RESE	ID00366	BLOOMINGTON CREEK	IM			42 11.5		25.0	940.	750.	0.	0.2U	0.2U 0.
HYDRO	SP00714					111 29.0						N	19.05N 34.0
EILEEN	ID03002	MOYIE R.	IM			48 45.0		750.0	940.	255.	0.	0.2U	0.2U 0.
	NP00009					116 1.0						N	88.39N 154.4
MEADOW CREEK	ID03004	MOYIE RIVER	IMC			48 48.6		700.0	885.	330.	0.	0.2U	0.2U 0.
	NP00011					116 8.5						N	106.76N 186.5
MOYIE #2	ID00155	MOYIE RIVER	IM		CITY OF BONNEVILLE	48 48.0		2780.0	3289.	213.	0.	16.2E	2.00E 10.0
	NP00012				ERS FERRY	116 10.4						N	271.88N 488.1
COUNTY NAME: BUTTE													
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF													
BARTLETT POINT	ID00005	BIG LOST RIVER	IM			44 2.3		430.0	280.	300.	300.	0.2U	0.2U 0.
	NP00002					113 55.0						N	35.93N 73.8
HOME	ID00272	LITTLE LOST RIVER	IM			43 58.0		510.0	82.	300.	0.	0.2U	0.2U 0.
	NP00003					113 14.0						N	2.83N 11.5
RENO	ID00273	HARCH CREEK	IM			43 56.0		295.0	75.	1300.	0.	0.2U	0.2U 0.
	NP00004					112 46.0						N	9.93N 70.3
LEGEND													

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROCOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - DEBRIS CONTROL, PUMP, POND, OTHER  
(4) - ESTIMATED CAPACITY AND ENERGY  
(5) - UNINSTALLED CAPACITY AND ENERGY  
(6) - TOTAL POTENTIAL CAPACITY AND ENERGY  
(7) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(8) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ* PURP* (2)	OWNER	*LATITUDE* (DM,M)	*LONGITUDE* (SQ MI)	*DRAINAGE* AREA (SQ MI)	*AVERAGE ANNUAL INFLW* (CFS)	*POWER* (FT)	*NET HEAD* (FT)	*STORAGE* (1000 AC FT)	*CAPACITY* (MW)	*ENERGY* (GWH)
COUNTY NAME: BONNEVILLE														
PERC POWER SUPPLY AREA 41 PERC REGIONAL OFFICE CODE 3F														
LOWER RUSH BEDS	ID00038	SNAKE RIVER				43 36.0	5785.0	6830.0	75.0	0.0	0.0	0.0	0.0	0.0
	NPM0068					111 39.0							97.63	358.5
BURNS CREEK	ID00042	SNAKE RIVER			DOI USBR	43 36.2	5659.0	6730.0	270.0	291.0	1400.0	0.0	0.0	0.0
	NPM0069					111 30.0							420.94	1325.6
LOWER NEW IDAHO FALLS	ID00050	SNAKE RIVER			CITY OF IDAHO	43 25.2	9760.0	5200.0	20.0	20.0	0.0	0.0	3.00	24.0
	NPM0070				0 FALL	112 6.0							21.69	59.8
CLARK RANCH	ID00068	SNAKE RIVER				43 35.9	5700.0	5659.0	40.0	75.0	0.0	0.0	0.0	0.0
	NPM0071					111 36.5							48.81	187.2
SWAN VALLEY	ID00200	SNAKE RIVER				43 27.0	5486.0	6678.0	110.0	110.0	0.0	0.0	0.0	0.0
	NPM0072					111 23.3							138.99	503.9
TEX CREEK	ID00318	WILLOW CREEK				43 26.3	556.0	195.0	325.0	0.0	0.0	0.0	0.0	0.0
	NPM0073					111 43.3							20.76	35.6
LOWER PINE CREEK	ID00327	PINE CREEK				43 30.0	63.0	65.0	300.0	0.0	0.0	0.0	0.0	0.0
	NPM0074					111 22.0							4.69	12.2
POISON CREEK	ID00328	PINE CREEK				43 32.3	45.0	45.0	400.0	0.0	0.0	0.0	0.0	0.0
	NPM0075					111 19.0							4.72	11.8
PALISADES LAKES	ID00329	PALISADE CREEK				43 23.0	42.0	40.0	1245.0	42.0	0.0	0.0	0.0	0.0
	NPM0076					111 15.0							50.58	125.5
UPPER IDAHO FALLS	ID00167	SNAKE RIVER			CITY OF IDAHO	43 33.1	9760.0	6241.0	24.0	24.0	1.0	1.0	2.00	14.0
S NO 2	NPM0077				0 FALLS	112 3.0							29.17	87.9
UPPER IDAHO FALLS	ID00168	SNAKE RIVER			CITY OF IDAHO	43 29.0	9760.0	5200.0	19.0	19.0	1.0	1.0	2.40	18.0
S NO 1	NPM0078				0 FALLS	112 2.4							20.65	63.3
GRAYS LAKE NORTH	ID00267	GRAYS LAKE OUTLET			DOI USBR	43 7.6	137.0	71.0	5.0	7.0	100.0	0.0	0.0	0.0
OUTLET	NPM0079					111 29.4							1.68	.2

LEGEND

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(3) - ESTIMATED CAPACITY AND ENERGY: P=PAH POND, D=OTHER  
(3) - INSTALLED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM OR RIVER	PROJ * PURP (1)	OWNER	LATITUDE (DM,N)	LONGITUDE (SU W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE POWER (FT)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	MAXIMUM CAPACITY (3) (3)	ENERGY (GWH)
COUNTY NAME: BOISE													
GRANITE CREEK	ID00295 NP00063	GRANITE CREEK	M		45 19.0 116 40.0		22.0	30.0	2890.0	0.0	0.0	0.0	0.0
GOOSEBERRY CREEK	ID00303 NP00064	LIGHTNING-ANDERS ON CREEKS	M		44 8.0 115 57.0		53.0	53.0	665.0	0.0	0.0	0.0	0.0
EIGHT MILE	ID00307 NP00065	EIGHT MILE CREEK	M		44 7.3 115 24.0		22.0	45.0	625.0	0.0	0.0	0.0	0.0
BULL TROUT LAKE	ID00308 NP00066	HARM SPRING CREEK	M		44 7.3 115 24.0		14.0	35.0	2625.0	0.0	0.0	0.0	0.0
FOGUS	ID00309 NP00067	CANYON CREEK	M		44 10.0 115 15.0		20.0	40.0	985.0	0.0	0.0	0.0	0.0
COUNTY NAME: BONNER													
MINK CREEK RESERVOIR	ID00369 SPK0711	MINK CREEK	M		42 14.0 111 44.0		28.0	1660.0	400.0	0.0	0.0	0.0	0.0
DEVIL CREEK RESERVOIR	ID00371 SPK0712	DEVIL CREEK	M		42 13.0 112 14.5		48.0	1310.0	48.0	0.0	0.0	0.0	0.0
PRIEST NO. 6	ID00309 NP00068	PRIEST RIVER	M		46 15.0 116 51.5		790.0	1600.0	175.0	0.0	0.0	0.0	0.0
CABINET GORGE	ID00222 NP00069	CLARK FORK	M		WASHINGTON W 48 5.2 WATER POWER C 17 .1		21840.0	23551.0	97.0	160.0	44.0	200.0	1088.5
ALBANY FALLS	ID00314 NP00068	PEND OREILLE R	M		CORPS OF ENG 46 11.0 ENGINEERS 117 .7		24200.0	1250.0	28.0	64.0	0.0	42.0	210.0

LEGEND

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O=OTHER  
(3) - ES=ESTABLISHED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PUMP (2)	OWNER	LATITUDE (N.M.)	LONGITUDE (W.M.)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (FT)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: BOISE													
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 9F													
HORSESHOE BEND	ID00059	PAYETTE RIVER	H		43 54.5	116 15.6	2352.0	3387.0	250.0	250.0	480.0	0.0	0.0
	NP00051											290.00	508.1
LOWER SCRIVER	ID00061	SCRIVER CREEK	H		44 12.0	116 0.0	911.0	1420.0	753.0	0.0	0.0	0.0	0.0
	NP00052											176.94	690.2
GARDEN VALLEY	ID00062	SOUTH FORK PAYETTE RIVER	HIG		44 5.3	116 3.6	1200.0	3065.0	415.0	427.0	2400.0	0.0	0.0
	NP00053											233.00	407.2
ARCHIE CREEK	ID00064	SOUTH FORK PAYETTE RIVER	H		44 5.0	115 29.0	369.0	715.0	375.0	375.0	0.0	0.0	0.0
	NP00054											80.43	188.5
CASNER CREEK	ID00065	SOUTH FORK PAYETTE RIVER	H		44 7.5	115 20.0	251.0	470.0	440.0	440.0	0.0	0.0	0.0
	NP00055											76.00	151.4
ORSON BEND	ID00066	SOUTH FORK PAYETTE RIVER	H		44 4.3	115 40.0	680.0	1428.0	245.0	215.0	60.0	0.0	0.0
	NP00056											65.00	113.9
BIG PINE CREEK	ID00067	SOUTH FORK PAYETTE RIVER	H		44 4.2	115 45.0	715.0	1500.0	295.0	295.0	0.0	0.0	0.0
	NP00057											91.56	224.8
GRAND JEAN	ID00069	SOUTH FORK PAYETTE RIVER	H		44 7.0	115 8.5	121.0	240.0	260.0	260.0	88.0	0.0	0.0
	NP00058											28.00	52.6
CANYON CREEK	ID00070	SOUTH FORK PAYETTE RIVER	H		44 10.5	115 15.0	160.0	300.0	225.0	225.0	0.0	0.0	0.0
	NP00059											25.00	43.6
STEEL CREEK	ID00071	SOUTH FORK PAYETTE RIVER	H		44 4.2	115 36.5	383.0	740.0	125.0	125.0	0.0	0.0	0.0
	NP00060											33.00	52.6
BARON CREEK	ID00256	SOUTH FORK PAYETTE RIVER	H		44 9.3	115 12.0	36.0	70.0	960.0	0.0	0.0	0.0	0.0
	NP00061											20.09	47.1
GRAHAM	ID00261	NORTH FORK BOISE RIVER	H		43 55.3	115 17.0	84.0	138.0	250.0	0.0	0.0	0.0	0.0
	NP00062											10.05	21.6

LEGEND

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(2) - D=DEBRIS CONTROL, P=PAN POND, O=OTHER  
(3) - I=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



## IN THE STATE OF IDAHO

PROJECT NAME	IDNT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (DN,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET POWER (FT)	*HEIGHTS OF DAM (FT)	*STORAGE CAPACITY (MM)	*ENERGY (GWH) (3)
COUNTY NAME: BLAINE											
LAKE CREEK	*IOU0008*	BIG WOOD RIVER	*M		*43 44.0	*212.0*	*265.0*	*360.0*	*0.0*	*0.0*	*0.0
	*NP-00040*				*114 24.0					*14.50*	*63.5
BELEVUE	*IOU0002*	BIG WOOD RIVER	*M		*43 26.3	*640.0*	*381.0*	*240.0*	*0.0*	*0.0*	*0.0
	*NP00041*				*114 15.3					*35.09*	*72.9
CAREY	*IOU0267*	LITTLE WOOD RIVER	*M		*43 17.3	*303.0*	*130.0*	*200.0*	*0.0*	*0.0*	*0.0
	*NP00042*				*113 57.0					*3.65*	*14.4
UPPER LITTLE WOOD	*IOU0268*	LITTLE WOOD RIVER	*M		*43 28.3	*116.0*	*60.0*	*400.0*	*0.0*	*0.0*	*0.0
	*NP00043*				*114 3.0					*9.70*	*56.5
BOULDER FLATS	*IOU0269*	BIG WOOD RIVER	*HIC		*43 47.3	*135.0*	*170.0*	*240.0*	*0.0*	*0.0*	*0.0
	*NP00044*				*114 28.0					*6.20*	*27.2
BAKER CREEK	*IOU0270*	BIG WOOD RIVER	*M		*43 47.0	*70.0*	*90.0*	*400.0*	*0.0*	*0.0*	*0.0
	*NP00045*				*114 33.0					*11.73*	*23.7
MAGIC	*IOU0039*	BIG WOOD RIVER	*I C	*BIG WOOD CANE	*43 15.3	*1600.0*	*475.0*	*105.0*	*123.0*	*192.0*	*0.0
	*NP00046*			*SAL CO	*114 21.5					*15.98*	*33.2
LITTLE WOOD	*IOU0041*	LITTLE WOOD RIVER	*I C	*LITTLE WOOD	*43 20.5	*279.0*	*150.0*	*92.0*	*111.0*	*32.0*	*0.0
	*NP00047*			*RIV IRR DIST	*114 1.5					*3.87*	*8.5
FISH CREEK	*IOU0183*	FISH CREEK	*I	*CAKEY VALLEY	*43 25.5	*32.0*	*53.0*	*92.0*	*92.0*	*14.0*	*0.0
	*NP00048*			*RES CO	*113 50.0					*.62*	*3.6
COUNTY NAME: BOISE											
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF											
ROCKY CANYON	*IOU0035*	SOUTH FORK PAYET	*M		*44 16.0	*180.0*	*272.0*	*415.0*	*0.0*	*0.0*	*0.0
	*NP00049*	TE RIVER			*115 52.3					*43.42*	*101.8
ELK LAKE	*IOU0057*	SOUTH FORK PAYET	*M		*44 6.0	*28.0*	*70.0*	*1200.0*	*0.0*	*0.0*	*0.0
	*NP00050*	TE RIVER			*115 9.0					*27.40*	*49.0

LEGEND

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- (3) - INSTALLED CAPACITY AND ENERGY NEM# INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY NEM# TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (1)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFD)	NET HEAD (FT)	STORAGE CAPACITY (MH)	ENERGY (GWH)
COUNTY NAME: BLAINE										
BENNETT BRIDGE	IDU0003	SNACK RIVER	M		43 25.0	9790.0	5130.0	30.0	0.0	0.0
	NP0029				112 6.0					37.15
FERRY BUTTE	IDU0004	SNACK RIVER	M		43 7.0	11300.0	3913.0	25.0	0.0	0.0
	NP0030				112 34.0					29.93
WOLVERINE CREEK	IDU0311	BLACKFOOT RIVER	M		43 15.3	909.0	347.0	260.0	0.0	0.0
	NP0031				112 4.0					4.51
ALDRIDGE	IDU0312	BLACKFOOT RIVER	M		43 11.3	909.0	357.0	320.0	0.0	0.0
	NP0032				112 .3					25.79
SPRING CREEK	IDU0313	BLACKFOOT RIVER	M		43 10.0	635.0	260.0	300.0	0.0	0.0
	NP0033				111 59.0					22.00
BRUSH CREEK	IDU0314	BLACKFOOT RIVER	M		43 7.0	799.0	248.0	290.0	0.0	0.0
	NP0034				111 54.0					20.45
GRAVES CREEK	IDU0315	BLACKFOOT RIVER	M		43 3.0	725.0	225.0	210.0	0.0	0.0
	NP0035				111 55.0					13.56
FIRTH	IDU0316	SNACK RIVER	M		43 19.0	9805.0	5140.0	10.0	0.0	0.0
	NP0036				112 11.0					7.76
WOODVILLE	IDU0317	SNACK RIVER	M		43 24.0	9790.0	5130.0	15.0	0.0	0.0
	NP0037				112 9.0					17.40
COUNTY NAME: BLAINE										
HAILEY	IDU0001	BIG WOOD RIVER	HR		43 31.0	245.0	306.0	400.0	0.0	0.0
	NP0038				114 19.3					41.06
KETCHUM	IDU0002	BIG WOOD RIVER	HR		43 39.0	240.0	306.0	300.0	0.0	0.0
	NP0039				114 29.0					13.96

LEGEND

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O=DEBRIS CONTROL, P=PAVING, D=OTHER  
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I O A H O

PROJECT NAME	TWENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	DRAINAGE AREA (SQ MI)	LONGITUDE (D.M.)	LATITUDE (D.M.)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	MAXIMUM ENERGY (GWH)
	(1)		(2)							(3)	(3)
COUNTY NAME: BANNOCK											
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE 8F											
POCATELLO	ID00277	PORTNEUF RIVER	M	697.0	42 56.0	112 32.3	235.	115.	0.	0.0	0.0
	NP00024										3.40
LAVA HOT SPRINGS	ID00310	PORTNEUF RIVER	M	570.0	42 37.3	112 4.0	193.	350.	0.	0.0	0.0
	NP00025										11.46
MARSH CREEK DAM	ID00337	MARSH CREEK	ICSH	42 44.4	42 44.4	112 14.3	70.	80.	85.	40.0	0.0
	NP00026										1.22
PORTNEUF	ID00180	PORTNEUF RIVER	IS	260.0	42 52.7	111 58.7	70.	43.	50.	24.0	0.0
	NP00027										0.3
COUNTY NAME: BEARLAW											
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE 8F											
MONTPELIER WESER	ID00062	MONTPELIER CREEK	IC	28.0	42 20.9	111 10.3	13.	58.	78.	5.0	0.0
	SPK0709										0.22
PARIS POWER PLAN	ID00002	PARIS CANYON CREEK	M	19.0	42 13.0	111 26.5	50.	346.	0.	0.0	0.55
	SPK0710										3.89
COUNTY NAME: BENCHAM											
FERC POWER SUPPLY AREA 42   FERC REGIONAL OFFICE CODE 8F											
ST MARIES '1	ID00387	ST MARIES RIVER	M	431.0	47 15.0	116 37.0	550.	370.	0.	0.0	0.0
	NP00001										68.73
ST MARIES '2	ID00388	ST MARIES RIVER	M	280.0	47 12.0	116 32.0	365.	380.	0.	0.0	0.0
	NP00002										45.86
COUNTY NAME: BINGHAM											
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE 8F											
MONROE	ID00051	SNAKE RIVER	M	9800.0	43 20.3	112 10.0	5140.	27.	27.	0.0	0.0
	NP00028										34.43

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, M=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
D=DERRIS CONTROL, P=PEAK FLOW, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURPOSE (1)	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (GWH)	ENERGY (3)
COUNTY NAME: ADAMS													
CUPRUM	ID00297	INDIAN CREEK	H		45 4.3	116 46.0	25.0	30.	1917.	0.	0.	0.	0.
	NPM0012												
EMERY CREEK	ID00298	WILDHORSE RIVER	H		44 53.0	116 44.0	115.0	110.	560.	0.	0.	0.	0.
	NPM0013												
BEAR CREEK FALLS	ID00299	BEAR CREEK	H		44 58.0	116 44.0	98.0	100.	880.	0.	0.	0.	0.
	NPM0014												
COLD SPRINGS RIDGE	ID00300	LITTLE WEISER RIVER	H		44 30.5	116 18.5	30.0	45.	1000.	0.	0.	0.	0.
	NPM0015												
WILDHORSE	ID00332	WILDHORSE RIVER	H		44 51.0	116 53.0	115.0	110.	995.	50.	0.	0.	0.
	NPM0016												
WELLS CANYON	ID00055	SNAKE RIVER	H	ID POWER CO	15 0.	116 42.0	73300.0	0.	210.	318.	170.	391.50	1995.6
	NPM0017												
OXBOW	ID00057	SNAKE RIVER	H	ID POWER CO	44 58.1	116 50.5	72800.0	0.	119.	140.	58.	190.00	1044.3
	NPM0018												
C BEN ROSS	ID00136	LITTLE WEISER RIVER	H	LITTLE WEISER RIVER CO	44 31.4	116 27.8	90.0	105.	47.	55.	0.	0.	0.
	NPM0019	EVER CREEK	H										
LOST VALLEY	ID00255	LOST VALLEY CREEK	H	RES CO	44 57.3	116 27.9	29.0	39.	23.	27.	10.	0.	0.
	NPM0020												
BRUNDAGE HEADWATERS	ID00258	BRUNDAGE CREEK	H	BRUNDAGE MEAN	45 2.5	116 7.8	6.0	7.	25.	31.	4.	0.	0.
	NPM0021												
GOOSE LAKE	ID00259	GOOSE CREEK	H	GOOSE LAKE RES CO	45 4.2	116 10.1	8.0	11.	17.	21.	6.	0.	0.
	NPM0022												
COPPER CLIFF TAILINGS POND	ID00289	INDIAN CREEK	H	SILVEN KING MINES INC	45 5.8	116 40.5	12.0	14.	98.	115.	0.	0.	0.
	NPM0023												

LEGEND

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. NUMBER	OWNER	LONGITUDE (DM,M)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (KW)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (GAL)	ENERGY (KWH)
CLEAR CREEK	ID00052	CLEAR CREEK	NP0001		44 5.0	41.0	80.	1125.	0.	0.	0.
					115 37.3					37.61	67.3
GUFFEY	ID00053	SNAKE RIVER	NP0002		43 18.2	42000.0	10200.	117.	104.	27.	0.
					116 33.8					353.00	622.0
LOW GUFFEY	ID00054	SNAKE RIVER	NP0003		43 18.2	42000.0	10200.	40.	40.	0.	0.
					116 33.8					140.00	245.3
SWAN FALLS REDEV.	ID00049	SNAKE RIVER	NP0004		45 14.6	41900.0	10579.	20.	24.	7.	60.00
					116 22.3					0.	0.
ORCHARD	ID00206	INDIAN CREEK	NP0005	JIM BALLANTY	43 33.3	20.	11.	24.	28.	2.	0.
				NE	116 1.0					0.09	0.2
BARBER DAM	ID00207	BOISE RIVER	NP0006	ADA COUNTY	43 33.6	2700.0	0.	26.	26.	0.	0.
					116 7.3					3.50	22.6
BLACKS LAKE	ID00208	BLACKS CREEK	NP0007	PLEASANT VAL	43 27.7	40.0	83.	36.	44.	3.	0.
				LEY IRR CO	116 8.7					1.14	2.1
BOISE DIVERSION	ID00261	BOISE RIVER	NP0008	BOI USBR	43 32.5	2885.0	1358.	35.	35.	1.	1.50
					116 5.9					3.10	14.2
LUCKY PEAK	ID00288	BOISE RIVER	NP0009	DAEN NPW	43 31.5	2850.0	0.	195.	238.	307.	0.
					116 3.0					0.	0.
COUNTY NAME: ADAMS										75.00	280.3
ROUND VALLEY	ID00105	LITTLE SALMON RIVER	NP0010		45 7.0	208.0	310.	200.	200.	700.	0.
					116 17.0					8.00	43.8
DEEP CREEK	ID00296	DEEP CREEK	NP0011		45 15.0	22.0	30.	2890.	0.	0.	0.
					116 42.0					2.97	13.0

LEGEND

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- (4) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/08/79 )

... PRELIMINARY ESTIMATE ...

PHYSICAL POTENTIAL FOR ADDITIONAL  
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT  
IN THE STATE OF IDAHO

POTENTIAL INCREMENTAL CAPACITY RANGES													
0.05 MW - 15 MW      15 MW - 25 MW      GREATER THAN 25 MW      TOTAL													
EXIST* UNDEV* INST* INCR* POTEN* TOTAL* UNDEV* EXIST* UNDEV* TOTAL* EXIST* UNDEV* TOTAL* INCR* POTEN* INCR*													
1 CAP* 2 CAP* 3 CAP* 4 CAP* 1 CAP* 2 CAP* 3 CAP* 4 CAP* 1 CAP* 2 CAP* 3 CAP* 4 CAP* 1 CAP* 2 CAP* 3 CAP* 4 CAP*													
NUMBER	3	14	1	15	0	1	1	2	0	0	0	3	15
CAPCTY	5.4	15.1	7.7	22.9	0.0	20.6	17.3	38.0	0.0	0.0	0.0	5.4	35.8
ENERGY	37.9	57.3	36.9	94.2	0.0	63.2	62.0	125.0	0.0	0.0	0.0	37.9	121
0-19	3	14	1	15	0	1	1	2	0	0	0	3	15
20-49	6	42	2	44	1	1	1	2	3	5	14	10	48
50-99	7	17	5	22	0	2	2	4	3	4	15	10	23
>100	8	7	60	67	0	1	35	36	9	15	194	17	23
TOTAL	24	80	68	148	1	5	39	44	15	24	213	40	104
CAPCTY	131	140	497	637	16.5	101	787	880	2301	4931	39252	2444	5172
ENERGY	819	435	1904	2339	142	195	2218	2412	11130	5522	82398	12089	6152
COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT      COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)													
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS      CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)													
COLUMN 3 = UNDEVELOPED POTENTIAL      ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)													

L E G E N D

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH) (3)
	(1)			(2)								
COUNTY NAME: FRANKLIN												
VAN ORDEN	ID00066	HORN CREEK	I	NEAL VAN ORD	42 4	46.0	24	15	20	0.0	0.0	0.0
	SPK0722			EN	111 51.1						0.15	0.2
ONEIDA NARROWS RESERVOIR	ID00068	BEAR RIVER	HI	UTAH POWER AND LIGHT CO	42 16.6	4139.0	0	145	102	13.0	30.00	53.0
	SPK0723				111 45.0						0.0	0.0
LAMONT RESERVOIR	ID00071	HORN CREEK	I	PRESTON-WHITE	42 6.3	22.0	58	57	67	2.0	0.0	0.0
	SPK0724	TREAS		NEY INR CO	111 48.7						1.27	2.3
WINDER RESERVOIR	ID00076	HINK CREEK	I	TWIN LAKES CO	42 11.0	4443.0	1071	49	61	2.0	0.0	0.0
	SPK0725	TREAS		ANAL COMPANY	111 53.2						7.57	33.3
TWIN LAKES RESERVOIR	ID00077	HINK CREEK	IR	TWIN LAKES CO	42 11.2	4431.0	1073	29	34	14.0	0.0	0.0
VOIR-SOUTHWEST	SPK0726	S OFFSTREAM		ANAL COMPANY	111 58.4						4.73	19.9
FOSTER RESERVOIR	ID00079	CUB RIV AND WORM	I	PRESTON-WHITE	42 7.5	20.0	53	60	70	4.0	0.0	0.0
	SPK0727	CR-OFFSTREAM		NEY INR CO	111 50.5						1.21	2.2
GLENDAL RESERVOIR	ID00175	HORN CREEK	I	PRESTON-WHITE	42 7.7	19.0	50	63	74	6.0	0.0	0.0
	SPK0728	RIVER CANAL		NEY IRIG CO	111 48.6						1.21	2.2
STRONGARM RESERVOIR	ID00228	PATTLE CREEK	IS	STRONGARM RE	42 14.0	4434.0	1069	23	28	2.0	0.0	0.0
DIR NO 1 TREASUR	SPK0729			S COMP	111 51.6						3.84	16.0
COUNTY NAME: PREMONT												
PONDS LODGE	ID00036	RUFFALO RIVER	H	ISLAND PARK	44 25.0	35.0	21	30	30	0.0	0.20	0.4
	NP0168			RESORTS INC	111 23.0						0.01	0.0
SHEEP FALLS	ID00039	FALLS RIVER	H		44 4.3	270.0	430	400	0	0.0	0.0	0.0
	NP0149				111 7.0						69.50	186.1
ST ANTHONY	ID00040	HENRY'S FORK	H	UT POWER AND LIGHT	44 1.0	1770.0	2520	10	10	0.0	0.50	3.9
	NP0170	E RIVER			111 35.0						3.62	14.3
L E G E N D												

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
DERRIS CONTROL, FARM POND, OTHER  
(3) - ESTABLISHED CAPACITY AND ENERGY  
(3) - UNINSTALLED CAPACITY AND ENERGY  
(3) - ESTABLISHED CAPACITY AND ENERGY  
(3) - UNINSTALLED CAPACITY AND ENERGY

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PKP*	OWNER	LONGITUDE	AREA	DRAINAGE	AVERAGE ANNUAL INFLOW	POWER	NET HEAD	HEIGHT OF DAM	STORAGE	CAPACITY	ENERGY
	(1)			(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
COUNTY NAME: PREMONT															
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 3F															
LOOKOUT BUTTE	ID00044	HENRY'S FORK OF SNAKE RIVER				44 12.0	580.0	870.0	300.0	20.0	0.0	0.0	0.0	0.0	0.0
	NP0171	NAKE RIVER				111 23.0							42.86	194.2	
MESA FALLS	ID00045	HENRY'S FORK SNAKE RIVER				44 11.0	630.0	950.0	320.0	60.0	0.0	0.0	0.0	0.0	0.0
	NP0172	E RIVER				111 19.3							49.66	225.0	
SQUIRREL	ID00049	FALLS RIVER	HC			44 3.5	348.0	743.0	140.0	140.0	0.0	0.0	0.0	0.0	0.0
	NP0173					111 11.7							12.00	66.6	
WARM RIVER	ID00075	HENRY'S FORK SNAKE RIVER				44 6.6	963.0	1440.0	230.0	265.0	140.0	0.0	0.0	0.0	0.0
	NP0174	E RIVER				111 20.1							112.00	192.7	
TETON 2	ID00142	TETON RIVER	HC	DOI USBR		43 54.5	853.0	710.0	295.0	295.0	315.0	0.0	0.0	0.0	0.0
	NP2612					111 32.3							48.14	163.7	
ASHTON REPLACEMENT	ID00196	HENRY'S FORK SNAKE RIVER				44 6.0	1040.0	1481.0	150.0	150.0	0.0	0.0	0.0	0.0	0.0
	NP0175	E RIVER				111 30.0							36.30	160.8	
ANDERSON	ID00323	FALLS RIVER				44 4.0	348.0	743.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0
	NP0176					111 20.0							58.22	159.9	
ROBINSON	ID00324	ROBINSON CREEK				44 7.3	82.0	80.0	320.0	0.0	0.0	0.0	0.0	0.0	0.0
	NP0177					111 10.3							4.79	25.1	
WARM RIVER BUTTE	ID00325	WARM RIVER				44 9.2	140.0	170.0	320.0	0.0	0.0	0.0	0.0	0.0	0.0
	NP0178					111 16.3							8.18	42.8	
PARTRIDGE CREEK	ID00326	WARM RIVER				44 13.3	120.0	150.0	270.0	35.0	0.0	0.0	0.0	0.0	0.0
	NP0179					111 15.1							5.92	31.0	
NORTH FORK	ID00008	HENRY'S LAKE			NORTH FORK R	44 35.8	98.0	56.0	22.0	26.0	90.0	0.0	0.0	0.0	0.0
	NP0180				ES CC	111 21.1							.44	.9	
ASHTON	ID00178	HENRY'S FORK SNAKE RIVER			UT POWER AND	44 4.8	1030.0	1467.0	48.0	56.0	7.2	5.40	33.0	33.0	33.0
	NP0181	E RIVER			LIGHT CO	111 29.8							6.01	17.3	
LEGEND															

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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	PURP#	OWNER	LATITUDE (N,M)	LONGITUDE (W,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (MW)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: PREMONT														
ISLAND PARK	ID000272	HENNY'S FORK SNAKE RIVER	001	USBR		44 25.2	111 23.8	481.0	550	550	62	77	150	0.0E 0.0E 0.0
	NP0182	E RIVER												5.46N 28.9
COUNTY NAME: SEM														
MONTEUR VALLEY	ID000588	PAYETTE RIVER	001	USBR		43 56.3	116 22.0	2352.0	3387	3387	53	53	0.0E 0.0E 0.0	61.00N 105.1
	NP0183													5.0E 0.0E 0.0
SAGE MEN	ID000115	SAGE MEN AND SQUAN CREEKS	001	USBR		44 19.3	116 11.7	13.0	18	18	36	43	0.0E 0.0E 0.0	0.23N .4
	NP0184													1.0E 0.0E 0.0
LITTLE	ID000248	RISSEL CREEK	001	USBR		44 1.1	116 30.0	16.0	25	25	28	33	0.0E 0.0E 0.0	0.23N .5
	NP0185													45.0E 8.00E 69.0
BLACK CANYON DIVISION	ID000282	PAYETTE RIVER	001	USBR		43 55.8	116 26.1	2680.0	2990	2990	112	112	0.0E 0.0E 0.0	29.00N 123.0
	NP0186													
COUNTY NAME: GOODING														
UPPER MALAD	ID000111	MALAD RIVER	001	USBR		42 54.3	114 48.3	3000.0	230	230	129	129	0.0E 0.0E 0.0	7.20E 61.5
	NP0187													0.0E 0.0E 0.0
LOWER MALAD	ID000112	MALAD RIVER	001	USBR		42 52.0	114 53.3	3000.0	230	230	156	161	0.0E 0.0E 0.0	13.50E 102.0
	NP0188													0.0E 0.0E 0.0
HIGH BLISS	ID000047	SNAKE RIVER	001	USBR		42 54.9	114 59.1	33927.0	9160	9160	84	84	500.0E 0.0E 0.0	287.00N 498.3
	NP0189													1070.0E 0.0E 0.0
CLEAR LAKES	ID000165	SNAKE RIVER	001	USBR		42 40.4	114 45.3	32000.0	4450	4450	206	206	1070.0E 0.0E 0.0	163.00N 289.1
	NP0190													595.0E 8.80E 62.0
THOUSAND SPRING	ID000185	SNAKE RIVER	001	USBR		42 44.8	114 50.8	32000.0	0	0	130	174	595.0E 8.80E 62.0	428.20N 700.1
	NP0191													

LEGEND

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O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: P=PEAK FLOW, G=OTHER  
(4) - ESTIMATED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(5) - UNINSTALLED CAPACITY AND ENERGY: U=UNDEVELOPED SITES (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (N.M.)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 GPM)	MAXIMUM CAPACITY (3)
COUNTY NAMES: BOOIDING											
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 3F											
TUTTLE	ID00266	MALAD RIVER	H		42 52.0	3000.0	230.0	84.0	0.0	0.0	0.0
	NP0192				114 52.0					3.34	8.9
CLEAR LAKE	ID00021	SNAKE RIVER OFFS	H	ID POWER CO	42 40.1	0.0	0.0	14.0	0.0	2.50	16.0
	NP0193	STREAM			114 46.6					0.0	0.0
BLISS	ID00053	SNAKE RIVER	H	ID POWER CO	42 54.8	35500.0	9160.0	70.0	1.0	75.04	395.4
	NP0194				115 4.2					88.96	25.1
COUNTY NAMES: IDAHO											
FERC POWER SUPPLY AREA 42 FERC REGIONAL OFFICE CODE 3F											
ALTERNATE CREVIC	ID00086	SALMON RIVER	H		45 24.2	12460.0	9400.0	95.0	0.0	0.0	0.0
	NP0195				116 7.2					335.25	714.8
PINNACLE FALLS	ID00087	SALMON RIVER	H		45 18.0	9170.0	6050.0	342.0	445.0	0.0	0.0
	NP0196				114 36.7					789.00	1279.0
FREEDOM	ID00092	SALMON RIVER	H		45 36.7	13320.0	10700.0	174.0	205.0	0.0	0.0
	NP0197				116 16.7					786.00	1375.3
CREVICE	ID00093	SALMON RIVER	H		45 24.2	12460.0	9400.0	600.0	725.0	0.0	0.0
	NP0198				116 7.2					2520.00	4415.0
WARREN	ID00095	WARREN CREEK	H		45 22.0	70.0	90.0	1000.0	0.0	0.0	0.0
	NP0199				115 41.0					40.79	66.5
PORPHYRY	ID00106	SOUTH FORK SALMON RIVER	H		45 17.0	1260.0	1700.0	460.0	335.0	0.0	0.0
	NP0200	RIVER			115 28.0					209.00	367.9
BLACK CANYON	ID00126	SALMON RIVER	H		45 30.0	9790.0	7000.0	352.0	352.0	0.0	0.0
	NP0201				115 0.0					281.00	480.4
ALTERNATE BLACK CANYON	ID00127	SALMON RIVER	H		45 30.0	9790.0	7000.0	255.0	260.0	0.0	0.0
	NP0202				115 0.0					707.03	1507.6
LEGEND											

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C=FLOOD CONTROL, NONAVIGATION, SEWATER SUPPLY, RECREATION,  
DEBRIS CONTROL, PEFARM POND, O=OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY
- (3) - INSTALLED CAPACITY AND ENERGY
- (3) - UNINSTALLED CAPACITY AND ENERGY
- (3) - TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) - UNINSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	NUMER	CR RIVER	PURP	OWNER	PLATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)			(2)				(DM.F)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: IDAHO																
JERRY JOHNSON	IDU0178	LOCMSA RIVER	H					46 30.0	600.0	1450.	290.	100.	0.	0.	0.	0.
	NP#0215							115 0.							44.08	193.1
PENNY CLIFFS	IDU0181	MIDDLE FORK CLEAR	H					46 9.0	3310.0	338.	421.	570.	2300.	0.	0.	0.
	NP#0216	WATER RIVER						115 55.3								
PISHER CREEK	IDU0195	NORTH FORK CLEAR	H					46 41.0	585.0	0.	268.	0.	0.	0.	0.	0.
	NP#0217	WATER RIVER						115 21.5							10.00	73.0
BRIGHT ANGEL	IDU0196	LOCMSA RIVER	H					46 16.9	967.0	2310.	245.	230.	0.	0.	0.	0.
	NP#0218							115 23.5							86.03	376.8
ELDORADO	IDU0209	LOLO CREEK	H					46 22.0	144.0	290.	1900.	0.	0.	0.	0.	0.
	NP#0219							116 8.3							21.23	79.4
JOHNS CREEK	IDU0210	SOUTH FORK CLEAR	H					45 57.3	728.0	720.	785.	0.	0.	0.	0.	0.
	NP#0220	WATER RIVER						115 57.3							197.54	408.3
MARBLE POINT	IDU0211	JOHNS CREEK	H					44 49.3	85.0	85.	1000.	0.	0.	0.	0.	0.
	NP#0221							115 53.0							12.92	56.6
TWENTYMILE CREEK	IDU0212	SOUTH FORK CLEAR	H					45 49.3	532.0	530.	600.	0.	0.	0.	0.	0.
	NP#0222	WATER RIVER						115 53.0							110.34	228.0
TENMILE CREEK	IDU0213	SOUTH FORK CLEAR	H					45 49.3	496.0	490.	420.	0.	0.	0.	0.	0.
	NP#0223	WATER RIVER						115 45.3							72.01	148.8
ELK CITY	IDU0214	SOUTH FORK CLEAR	H					45 48.0	341.0	340.	580.	0.	0.	0.	0.	0.
	NP#0224	WATER RIVER						115 41.0							76.09	142.3
RED HORSE	IDU0215	RED RIVER	H					45 48.0	135.0	140.	300.	0.	0.	0.	0.	0.
	NP#0225							115 28.0							3.92	16.3
FIVE ISLANDS	IDU0216	LOCMSA RIVER	H					46 21.0	735.0	1770.	600.	0.	0.	0.	0.	0.
	NP#0226							115 18.0							384.23	756.2

LEGEND

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
(2) O=DEBRIS CONTROL, P=FARM POND, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ#	CR RIVER	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (AC FT)	MAXIMUM ENERGY (KWH)
MEIR CREEK	IDU0217	LOCHSA RIVER	21			46 26.0	115 5.0	695.0	1740.0	200.0	95.0	0.0	0.0
	NPH0227												121.11
FREEZEOUT MOUNTAIN	IDU0218	LAKE CREEK	21			46 27.3	115 .3	43.0	120.0	1100.0	0.0	0.0	0.0
IN	NPH0228												20.07
HIND LAKES	IDU0219	WARM SPRINGS CREEK	21			46 28.0	114 52.0	50.0	130.0	1500.0	0.0	0.0	0.0
	NPH0229	EK											29.68
SQUAW CREEK	IDU0220	LOCHSA RIVER	21			46 28.0	114 42.0	420.0	1020.0	340.0	0.0	0.0	0.0
	NPH0230												124.42
POWELL	IDU0221	LOCHSA RIVER	21			46 30.5	114 39.0	370.0	900.0	560.0	0.0	0.0	0.0
	NPH0231												67.41
HIDDEN LAKE	IDU0222	WHITE SAND CREEK	21			46 28.0	114 33.0	132.0	330.0	1000.0	0.0	0.0	0.0
	NPH0232												50.18
LOWER MEADOW CREEK	IDU0223	MEADOW CREEK	21			46 2.0	115 17.0	177.0	360.0	1045.0	0.0	0.0	0.0
EK	NPH0233												130.58
UPPER MEADOW CREEK	IDU0224	MEADOW CREEK	21			45 55.0	115 15.0	90.0	180.0	900.0	0.0	0.0	0.0
EK	NPH0234												57.17
BAILEY MOUNTAIN	IDU0225	NORTH FORK MOOSE CREEK	21			46 12.0	114 52.0	58.0	410.0	1350.0	0.0	0.0	0.0
	NPH0235												96.60
DOUBLE CREEK	IDU0226	EAST FORK MOOSE CREEK	21			46 12.0	114 52.0	103.0	210.0	850.0	0.0	0.0	0.0
	NPH0236												27.18
PETTERONE	IDU0227	SELWAY RIVER	21			46 2.0	114 50.0	915.0	840.0	300.0	0.0	0.0	0.0
	NPH0237												200.13
BEAR CREEK	IDU0228	BEAR CREEK	21			46 2.0	114 46.0	140.0	280.0	1000.0	0.0	0.0	0.0
	NPH0238												42.56

LEGEND

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(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT * NUMBR * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL * INFLOW * (CFS)	*NET HEIGHT OF * HEAD * (FT)	*STORAGE CAPACITY * (1000 GAL)	*ENERGY (3) (3)
COUNTY NAME: IDAHO										
FERC POWER SUPPLY AREA 42 FERC REGIONAL OFFICE CODE SF										
MAGRUDER	ID00230	SELWAY RIVER	M		45 44.3	145.0	300.	950.	0.	0.
	NP00239				114 43.0				43.32	189.7
CAPTAIN JOHN	ID00231	LITTLE SALMON RIVER	M		45 23.5	554.0	800.	295.	0.	0.
	NP00240	VER			116 19.3				76.99	166.9
SHEEP CREEK	ID00232	LITTLE SALMON RIVER	M		45 20.3	333.0	604.	480.	0.	0.
	NP00241	VER			116 21.0				72.16	156.5
LOCKWOOD	ID00233	LITTLE SALMON RIVER	M		45 16.3	300.0	447.	600.	0.	0.
	NP00242	VER			116 20.3				84.80	183.9
HAZARD	ID00234	LITTLE SALMON RIVER	M		45 10.4	208.0	310.	500.	0.	0.
	NP00243	VER			116 18.0				48.99	106.2
RUGGED CREEK	ID00235	WARREN CREEK	M		45 24.0	85.0	110.	2395.	0.	0.
	NP00244				115 38.0				118.61	193.5
MAY FLAT	ID00249	SALMON RIVER	M		45 32.3	10260.0	7800.	105.	0.	0.
	NP00245				115 14.3				305.12	650.6
DILLINGER	ID00250	SALMON RIVER	M		45 32.0	10100.0	7700.	445.	0.	0.
	NP00246				115 6.3				1272.94	2718.1
OLD TIMER	ID00294	SHEEP CREEK	M		45 26.0	20.0	30.	2290.	0.	0.
	NP00247				116 30.0				2.09	9.3
MOOSE CREEK	ID00349	NORTH FORK MOOSE CREEK	M		46 9.6	56.0	3840.	51.	51.	0.
	NP00248				114 53.0				1.05	2.1
COUNTY NAME: JEROME										
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF										
KIMBERLY	ID00074	SNAKE RIVER	M		42 34.4	19000.0	1730.	220.	0.	0.
	NP00249				114 20.0				174.00	306.6
LEGEND										

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DEBRIS CONTROL, FARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY NENE=INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I D A H O

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ * PURP * (2) *	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * *AREA * (SQ MI)	*ANNUAL *PWER * *INFLOW * (CFS)	*NET *HEIGHT * *OF *DAM * (FT)	*STORAGE * *CAPACITY * (1000 * AC FT)	*ENERGY * (KWH) * (3) *
COUNTY NAME: JEROME										
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE SF										
WILSON LAKE	ID00020	Snake River	OFFS-I	NORTH SIDE C	42 37.7	17180.0	1260	11	3	0
	NP0250	TREAS		ANAL CC	114 10.3					0
SHOSHONE FALLS	ID00050	Snake River	M	ID POWER CO	42 35.8	17300.0	2493	102	1	12
	NP0251				114 24.0					38
TWIN FALLS	ID00051	Snake River	M	ID POWER CO	42 35.3	19000.0	3593	125	1	13
	NP0252				114 21.4					50
MILNER LAKE	ID00223	Snake River	I	TWIN FALLS C	42 31.4	17180.0	1990	67	14	0
	NP0253			ANAL COMPANY	114 .8					0
COUNTY NAME: KOOTENAI										
FERC POWER SUPPLY AREA 42   FERC REGIONAL OFFICE CODE 8F										
POST FALLS	ID00220	SPOKANE RIVER	IH	WASHINGTON W	47 42.5	3840.0	6604	56	225	11
	NP0013			ATER POWER C	116 57.1					25
HAYDEN LAKE	ID00262	HAYDEN CREEK	IRC	HAYDEN LK W	47 45.1	62.0	133	9	73	0
	NP0014			TRSHD IMP D	116 45.3					0
COUNTY NAME: LATAN										
FERC POWER SUPPLY AREA 42   FERC REGIONAL OFFICE CODE SF										
KENDRICK	ID00199	POTLATCH RIVER	M		46 36.8	424.0	427	280	137	0
	NP0254				116 38.5					0
GOLD HILL	ID00201	POTLATCH RIVER	M		46 40.0	199.0	200	300	0	0
	NP0255				116 32.3					0
POTLATCH	ID00340	NORTH FORK POTLATCH RIVER	SCR		46 28.2	425.0	427	420	0	0
	NP0256	POTLATCH RIVER			115 46.0					0

- LEGEND
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- (3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I D A H O

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (90 MI)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	MAXIMUM STORAGE DAM (1000 AC FT)	CAPACITY (MWH) (3)	ENERGY (GWH) (3)
COUNTY NAME: LEHIGH												
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE 3F												
DEER CREEK	ID00089 NP0257	PANTHER CREEK	M		45 13.3 114 16.5		402.0	367.	460.	0.	0.	0.
SALMON	ID00101 NP0258	SALMON RIVER	M		45 .4 113 55.5		3642.0	1925.	460.	0.	0.	0.
PORCUPINE	ID00111 NP0259	MIDDLE FORK SALMON RIVER	M		45 7.9 114 43.5		2650.0	2800.	363.	253.	0.	0.
APAREJO	ID00112 NP0260	MIDDLE FORK SALMON RIVER	M		44 56.5 114 43.5		1953.0	2050.	415.	333.	0.	0.
LONG TOM	ID00116 NP0261	SALMON RIVER	M		45 18.0 114 36.7		9100.0	6060.	230.	0.	0.	0.
SHEEP EATER NO 2	ID00118 NP0262	SALMON RIVER	M		45 20.6 114 20.0		5590.0	2600.	260.	0.	0.	0.
SHOUP	ID00119 NP0263	SALMON RIVER	M		45 22.7 114 16.5		5600.0	2600.	563.	600.	0.	0.
SHEEP EATER C/O HOUP	ID00120 NP0264	SALMON RIVER	M		45 22.7 114 16.5		5600.0	2600.	90.	0.	0.	0.
INDIANOLA	ID00121 NP0265	SALMON RIVER	M		45 22.6 114 5.7		5510.0	0.	210.	0.	0.	0.
PAMSIMEROI	ID00122 NP0266	SALMON RIVER	M		44 42.8 114 1.6		3210.0	1800.	290.	1042.	0.	0.
RISLEY	ID00131 NP0267	MIDDLE FORK SALMON RIVER	M		44 42.5 115 1.2		785.0	1100.	135.	0.	0.	0.
STEELHEAD	ID00132 NP0268	MIDDLE FORK SALMON RIVER	M		44 42.0 115 7.1		659.0	675.	140.	0.	0.	0.

LEGEND

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O=OTHER  
(3) - E=ESTABLISHED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I D A H O

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP#	ANNUAL	POWER	OF	STORAGE	(MH)	(BWH)
	(1)		(2)	INFLW	HEAD	DAM	(1000	(3)	(3)
				(CFS)	(FT)	(FT)	AC FT)		
COUNTY NAME: LEWIS									
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE   SF									
DEER HORN	IDU0133	MIDDLE FORK SALMON		470.0	700.	170.	0.0	0.0	0.0
	NPH0269	ON RIVER						5.30	44.0
TWELVE MILE CREEK	IDU0136	SALMON RIVER		3500.0	1900.	45.	0.0	0.0	0.0
	NPH0270							15.50	53.0
CAMP CREEK	IDU0137	SALMON RIVER		3450.0	1925.	69.	0.0	0.0	0.0
	NPH0271							25.91	82.1
RATTLESNAKE	IDU0138	SALMON RIVER		3400.0	7600.	129.	0.0	0.0	0.0
	NPH0272							52.33	150.9
MCKIM CREEK	IDU0139	SALMON RIVER		3300.0	1875.	140.	0.0	0.0	0.0
	NPH0273							53.43	157.5
YELLOW JACKET	IDU0252	CANAS CREEK		340.0	400.	645.	0.0	0.0	0.0
	NPH0274							133.68	245.6
MEYERS COVE	IDU0253	CANAS CREEK		222.0	333.	500.	0.0	0.0	0.0
	NPH0275							77.78	124.3
WALLACE	IDU0280	PANTHER CREEK		510.0	422.	143.	0.0	0.0	0.0
	NPH0276							12.88	23.7
MOOD	IDU0281	PANTHER CREEK		418.0	383.	300.	0.0	0.0	0.0
	NPH0277							22.15	40.8
JUREANO	IDU0282	PANTHER CREEK		340.0	326.	316.	0.0	0.0	0.0
	NPH0278							18.98	35.0
LEACOCK	IDU0283	NAPIAS AND PANTHER		258.0	85.	980.	0.0	0.0	0.0
	NPH0279	ER CREEKS						44.67	82.3
SALMON VALLEY	IDU0284	SALMON RIVER		5230.0	2300.	230.	0.0	0.0	0.0
	NPH0280							160.48	414.5

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS, CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLUOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PEAK FLOW, G=GEOTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY    N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY    (FOR EXISTING DAMS)  
(4) - U=INSTALLED CAPACITY AND ENERGY    T=TOTAL POTENTIAL CAPACITY AND ENERGY    (FOR UNDEVELOPED SITES)



AD-A075 962

INSTITUTE FOR WATER RESOURCES (ARMY) FORT BELVOIR VA

F/G 10/1

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY. PRELIMINARY INVEN--ETC(U

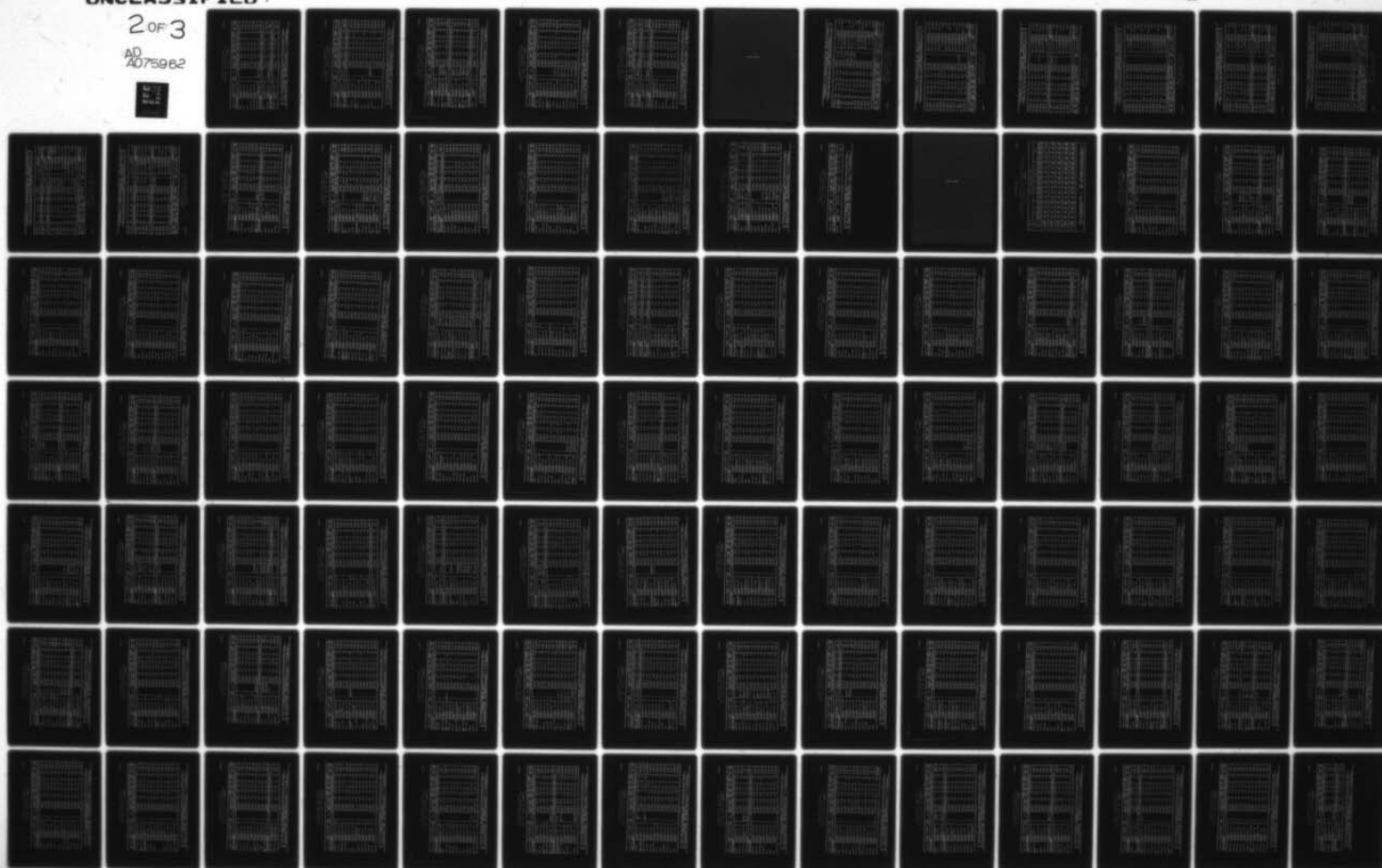
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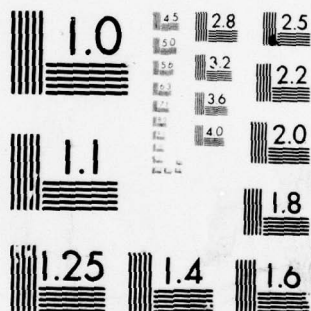
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CATASTROPHE CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FISH POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEEDED INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT	NAME OF STREAM OR RIVER	PUMP (1)	PROJ (2)	DRAINAGE AREA (SQ MI)	LONGITUDE (DM-M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLU (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 GPM)	CAPACITY (MW)	ENERGY (3)
COUNTY NAME: MINIDOKA													
MINIDOKA	ID00275	SNAKE RIVER		INCR	15700.0	42 40.0	15700.0	6394.	40.	48.	107.	13.40E	90.0
	NP0290					113 30.0						31.68N	95.6
COUNTY NAME: NEZ PERCE													
LENORE	ID00026	CLEAR WATER RIVER			8540.0	46 30.5	8540.0	13280.	85.	0.	0.	0.	0.
	NP0291					116 30.6						432.00E	733.4
LOWER CANYON	ID00090	SALMON RIVER			14100.0	45 51.4	14100.0	11000.	660.	665.	2500.	0.	0.
	NP0292					116 47.2						2593.00E	456.4
ALTERNATE LOWER CANYON	ID00091	SALMON RIVER			14100.0	45 51.4	14100.0	11000.	455.	460.	0.	0.	0.
	NP0293					116 47.2						948.00E	2716.0
HOG ISLAND	ID00167	CLEARWATER RIVER			9563.0	46 26.8	9563.0	15130.	34.	24.	0.	0.	0.
	NP0294					116 52.0						41.00E	218.0
ASOTIN	ID00168	SNAKE RIVER			93100.0	46 20.4	93100.0	30000.	105.	105.	450.	0.	0.
	NP0295					117 1.6						1206.00E	2111.2
LAPWAI	ID00183	CLEARWATER RIVER			9558.0	46 28.4	9558.0	15716.	35.	35.	0.	0.	0.
	NP0296					116 49.4						166.86E	383.7
LEMISTONE	ID00184	CLEARWATER RIVER			9570.0	46 26.0	9570.0	15736.	36.	36.	0.	0.	0.
	NP0297					116 57.2						171.84E	395.1
CHINA GARDENS	ID00188	SNAKE RIVER			80000.0	46 2.3	80000.0	30000.	50.	67.	141.	0.	0.
	NP0298					116 55.5						688.00E	1208.9
ARROW	ID00192	CLEARWATER RIVER			8486.0	46 28.4	8486.0	13570.	90.	90.	0.	0.	0.
	NP0299					116 46.0						457.00E	797.2
PECK	ID00335	CLEARWATER RIVER			8040.0	46 29.4	8040.0	13200.	85.	85.	0.	0.	0.
	NP0300					116 25.0						175.00E	305.2

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CELESTIAL CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CH RIVER	PROJ#	PURP#	OWNER	LONGITUDE (D,M,S)	AREA (SQ MI)	ANNUAL POWER OF INFLUX (CFPS)	NET HEIGHTS OF DAM (FT)	STORAGE CAPACITY (GWH)	ENERGY (3)
COUNTY NAME: NEZ PERCE												
FERC POWER SUPPLY AREA 42 FERC REGIONAL OFFICE CODE 3P												
AGATHA	ID00336	CLEARWATER RIVER					46 30.0	8560.0	13260.0	40.0	0.0	0.0
	NP0301						116 34.5				170.78	392.7
SOLDIER MEADOW	ID00149	WEBB AND SWEETWATER					46 10.0	112.0	49.0	57.0	2.0	0.0
	NP0302	TER CREEKS					01 16 44.4				0.41	1.6
MANN'S LAKE RESERVOIR	ID00026	SWEETWATER CREEK					46 22.3	15.0	5.0	43.0	4.0	0.0
VOIR A	NP0303	OFFSTREAM					01 16 51.4				0.08	0.1
DWRSHAK	ID00287	NORTH FORK CLEARWATER RIVER					46 31.0	2440.0	5707.0	533.0	2016.0	400.00
	NP0304						116 17.5				0.0	0.0
COUNTY NAME: ONEIDA												
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 8P												
DEEP CREEK RESERVOIR	ID00005	DEEP CREEK					42 12.7	29.0	77.0	76.0	5.0	0.0
VOIR	SPK0730						112 10.3				2.23	4.0
DANIELS RESERVOIR	ID00006	LITTLE MALAD RIVER					42 20.7	108.0	15.0	68.0	12.0	0.0
	SPK0731						112 26.7				0.15	0.7
CURLEW VALLEY RESERVOIR	ID00007	DEEP CREEK					42 4.5	318.0	41.0	36.0	7.0	0.0
	SPK0732						112 41.5				0.29	1.0
WESTON CREEK RESERVOIR	ID00007	WESTON CREEK					42 7.2	16.0	42.0	33.0	2.0	0.0
	SPK0733						112 6.9				0.54	1.0
DEVIL CREEK	ID00029	DEVIL CREEK					42 17.4	24.0	63.0	59.0	5.0	0.0
	SPK0734						112 12.4				0.43	2.6
COUNTY NAME: Owyhee												
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 8P												
THE FORKS	ID00006	BRUNEAU RIVER					42 35.0	2300.0	335.0	220.0	0.0	0.0
	NP0305						115 38.0				25.11	52.2
LEGEND												

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DRAINAGE CONTROL, P/FAIRM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNUSED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I O A W A

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURPOSE (2)	OWNER	LATITUDE (DM.M)	LONGITUDE (DM.M)	AREA (SQ MI)	PERCENT SUPPLY AREA	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	PERCENT REGIONAL OFFICE CODE	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY (3)
COUNTY NAME: OMYHEE														
SHEEP CREEK														
	ID00007	BRUNEAU RIVER	H		42 30.0	115 35.3	1810.0	290.0	300.0	0.0	0.0	0.0	0.0	0.0
	NP0306													2.76E+10.7
JUNIPER CANYON														
	ID00027	OMYHEE RIVER	H		42 12.0	116 30.0	1140.0	300.0	400.0	0.0	0.0	0.0	0.0	0.0
	NP0307													1.86E+10.7
RED CANYON														
	ID00028	OMYHEE RIVER	H		42 17.0	116 56.0	4944.0	545.0	450.0	0.0	0.0	0.0	0.0	0.0
	NP0308													9.18E+10.7
BRUNEAU CANYON														
	ID00264	BRUNEAU RIVER	H		42 47.0	115 43.0	2546.0	370.0	580.0	0.0	0.0	0.0	0.0	0.0
	NP0309													7.32E+10.7
OT SPRINGS														
	ID00265	BRUNEAU RIVER	H		42 20.3	115 39.0	978.0	175.0	300.0	0.0	0.0	0.0	0.0	0.0
	NP0310													4.42E+10.7
C J STRIKE														
	ID00054	SNAKE RIVER	H		42 56.8	115 56.5	41900.0	0.0	125.0	105.0	250.0	0.0	0.0	0.0
	NP0311													221.00E+10.7
DIAMOND A														
	ID00083	DIAMOND A CREEK	H		42 5.5	115 34.0	12.0	21.0	26.0	30.0	1.0	0.0	0.0	0.0
	NP0312													0.24E+10.7
SLACK DAM														
	ID00090	JUNIPER CREEK	H		42 3.4	116 27.7	7.0	12.0	19.0	22.0	1.0	0.0	0.0	0.0
	NP0313													0.10E+10.7
LOUISA CREEK														
	ID00097	LOUISA CREEK	H		42 45.7	116 37.0	60.0	26.0	28.0	35.0	1.0	0.0	0.0	0.0
	NP0314													0.30E+10.7
BIG BLUE CREEK														
	ID00194	BIG BLUE CREEK	H		42 18.7	116 11.0	45.0	30.0	29.0	29.0	2.0	0.0	0.0	0.0
	NP0315													0.36E+10.7
PAINE CREEK														
	ID00198	PAINE CREEK	H		42 15.4	116 5.4	9.0	5.0	32.0	36.0	2.0	0.0	0.0	0.0
	NP0316													0.05E+10.7
ROCK CREEK														
	ID00237	ROCK AND LOUISA	H		42 46.8	116 36.9	15.0	8.0	23.0	28.0	1.0	0.0	0.0	0.0
	NP0317													0.06E+10.7
L E G E N D														

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
(2) OROEBIS CONTROL, PAFARM POND, OROEBIS  
(3) - ESTABLISHED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - US-INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)





STATE OF IDAHO



# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

(07/09/79)

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ #	PURP #	CNTR	LATITUDE	DRAINAGE AREA	AVERAGE ANNUAL POWER	NET HEIGHT OF DAM	MAXIMUM STORAGE CAPACITY	ENERGY
COUNTY NAME	ELMORE					LONGITUDE	AREA (SQ MI)	(CFS)	HEAD (FT)	(AC FT)	(MWH)
LINE CREEK	ID00242	LINE CREEK	1			43 25.3	120.0	85.0	800.0	0.0	0.0
	NP0157					115 16.0				0.0	23.99
SAWMILL	ID00257	FALL CREEK	1			43 25.4	40.0	52.0	800.0	0.0	0.0
	NP0158					115 23.0				0.0	26.09
LOST CREEK	ID00260	NORTH FORK BOISE RIVER	1			43 51.0	106.0	305.0	135.0	0.0	0.0
	NP0159					115 32.0				0.0	12.02
ALEXANDER FLATS	ID00262	MIDDLE FORK BOISE RIVER	1			43 46.3	356.0	350.0	106.0	0.0	0.0
	NP0160					115 32.3				0.0	10.06
YUBA DAM AND RESERVOIR	ID00263	MIDDLE FORK BOISE RIVER	1			43 48.3	53.0	105.0	500.0	0.0	0.0
	NP0161					115 12.0				0.0	21.61
LONG TOM	ID00103	LONG TOM CREEK	1			43 17.1	23.0	12.0	47.0	55.0	0.0
	NP0162					115 34.7				0.0	20.00
LITTLE CANAS	ID00106	LITTLE CANAS CREEK	1			43 21.8	40.0	83.0	27.0	32.0	0.0
	NP0163					115 23.4				0.0	24.00
MOUNTAIN HOME	ID00234	RATTLINGSNAKE CREEK	1			43 9.4	32.0	17.0	35.0	41.0	0.0
	NP0164					115 39.7				0.0	21.00
TRAIL	ID00239	LITTLE CANYON CREEK	1			43 24.2	35.0	24.0	22.0	26.0	0.0
	NP0165					115 20.1				0.0	22.00
ANDERSON RANCH	ID00279	SOUTH FORK BOISE RIVER	1			43 21.5	980.0	922.0	300.0	332.0	509.0
	NP0166					115 26.7				0.0	27.00
ARROW ROCK	ID00280	BOISE RIVER	1			43 35.7	2210.0	1350.0	133.0	156.0	287.0
	NP0167					115 55.3				0.0	141.00

LEGEND

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- PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CARRIAGE CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, ODEBRIS CONTROL, BARRAGE POND, OTHER
- ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

( 07/09/79 )

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PURPOSE	OWNER	LATITUDE (DM,N)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL FLOW (CFS)	NET HEAD (FT)	MAXIMUM STORAGE CAPACITY (MW)	ESTIMATED ENERGY (GWH)
COUNTY NAME: ELMORE	(1)	CR RIVER	(2)							
RASPBERRY	*IDU0019*	*SOUTH FORK BOISE RIVER			*43 29.6	*1090.0*	*1110.0*	*295.0*	*295.0*	*0.0*
CASEY TO ANDERSON	*NP00145*	*RIVER			*43 39.6					*117.00*
ATLANTA	*IDU0020*	*SOUTH FORK BOISE RIVER			*43 29.0	*627.0*	*615.0*	*108.0*	*108.0*	*0.0*
BALD MOUNTAIN	*NP00186*	*RIVER			*43 18.0					*23.00*
KING	*IDU0031*	*MIDDLE FORK BOISE RIVER			*43 48.5	*40.0*	*300.0*	*95.0*	*96.0*	*.16*
TRAIL CREEK	*NP00147*	*RIVER			*43 6.1					*0.0*
BIG OIL	*IDU0032*	*MIDDLE FORK BOISE RIVER			*43 48.4	*180.0*	*300.0*	*400.0*	*0.0*	*0.0*
PASTURE	*NP00148*	*RIVER			*43 15.5					*31.41*
INDIAN POINT	*IDU0033*	*MIDDLE FORK BOISE RIVER			*43 46.0	*225.0*	*370.0*	*590.0*	*0.0*	*0.0*
CASEY RANCH	*NP00149*	*RIVER			*43 30.0					*63.34*
FEATHERVILLE	*IDU0034*	*NORTH FORK BOISE RIVER			*43 53.0	*88.0*	*140.0*	*600.0*	*0.0*	*0.0*
BASCOM FLATS	*NP00150*	*RIVER			*43 25.0					*24.12*
	*IDU0035*	*NORTH FORK BOISE RIVER			*43 53.0	*111.0*	*150.0*	*415.0*	*0.0*	*0.0*
	*NP00151*	*RIVER			*43 30.0					*22.05*
	*IDU0044*	*SNAKE RIVER			*42 57.5	*3500.0*	*9205.0*	*74.0*	*0.0*	*0.0*
	*NP00152*				*43 10.3					*253.00*
	*IDU0056*	*SOUTH FORK BOISE RIVER			*43 21.2	*1001.0*	*1020.0*	*98.0*	*98.0*	*0.0*
	*NP00153*	*RIVER			*43 32.2					*36.00*
	*IDU0076*	*SOUTH FORK BOISE RIVER			*43 31.4	*627.0*	*615.0*	*280.0*	*180.0*	*0.0*
	*NP00154*	*RIVER			*43 16.2					*79.38*
	*IDU0077*	*SOUTH FORK BOISE RIVER			*43 36.5	*465.0*	*605.0*	*150.0*	*150.0*	*0.0*
	*NP00155*	*RIVER			*43 12.9					*25.00*
	*IDU0078*	*SOUTH FORK BOISE RIVER			*43 36.7	*447.0*	*580.0*	*195.0*	*200.0*	*0.0*
	*NP00156*	*RIVER			*43 9.3					*32.00*

LEGEND

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- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CATTLE/DEER CONTROL, NAVIGATION, SAWMILL SUPPLY, RECREATION.
- (3) - E=INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

( 07/09/79 )

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PUMP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLW (CFS)	NET POWER MEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: CUSTER	(1)		(2)								
LITTLE WICKIUP	*1000290*	EAST FORK SALMON RIVER			*44 08.3*	153.0*	120*	470*	0*	0*	0*
BONANZA	*1000291*	YANKEE FORK SALMON RIVER			*44 19.5*	170.0*	185*	237*	0*	0*	0*
FIVE MILE	*1000292*	YANKEE FORK SALMON RIVER			*44 23.0*	74.0*	60*	550*	0*	0*	0*
EIGHT MILE	*1000293*	YANKEE FORK SALMON RIVER			*44 23.0*	60.0*	65*	410*	0*	0*	0*
MOSQUITO FLAT	*1000139*	CHALLIS CREEK			*44 31.3*	18.0*	9*	39*	46*	1*	0*
MACKAY	*1000181*	BIG LOST RIVER			*43 57.2*	788.0*	207*	60*	74*	45*	0*
COUNTY NAME: ELMORE											
INDIAN COVE	*1000013*	SNAKE RIVER			*42 57.0*	37065.0*	9780*	35*	35*	0*	0*
SLIDE GULCH	*1000015*	MIDDLE FORK BOISE RIVER			*43 39.9*	630.0*	1358*	180*	115*	0*	0*
TWIN SPRINGS	*1000016*	MIDDLE FORK BOISE RIVER			*43 41.3*	830.0*	1340*	425*	445*	490*	0*
BARBER FLATS	*1000017*	NORTH FORK BOISE RIVER			*43 46.0*	310.0*	508*	430*	220*	76*	0*
LONG GULCH	*1000018*	SOUTH FORK BOISE RIVER			*43 32.7*	1174.0*	1200*	258*	258*	0*	0*

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION.
- (3) - ESTIMATED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



# P R E L I M I N A R Y   E S T I M A T E S P O T E N T I A L   H Y D R O P O W E R   S I T E S I N   T H E   S T A T E   O F   I D A H O

( 07/09/79 )

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM OR RIVER	PRCJ * PURP	OWNER	*LATITUDE (DN.M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET HEAD (FT)	*MAXIMUM DAM (1000 AC FT)	*CAPACITY (WH) (3)	*ENERGY (GWH) (3)
COUNTY NAME: CUSTER											
FERC POWER SUPPLY AREA 41   FERC REGIONAL OFFICE CODE 3F											
DEADMAN	* NP00109	EAST FORK SALMON RIVER	* (1)		* 44 13.2	* 405.0	* 560.0	* 320.0	* 320.0	* 0.0	* 0.0
	* NP00122	RIVER			* 44 17.0				* 0.0	* 0.0	* 0.0
BACON	* NP00113	MIDDLE FORK SALMON RIVER			* 44 46.5	* 1110.0	* 1342.0	* 400.0	* 400.0	* 0.0	* 0.0
	* NP00123	RIVER			* 44 52.7				* 0.0	* 0.0	* 0.0
BEAR VALLEY	* NP00114	MIDDLE FORK SALMON RIVER			* 44 27.0	* 338.0	* 550.0	* 290.0	* 290.0	* 0.0	* 0.0
	* NP00124	RIVER			* 44 13.5				* 0.0	* 0.0	* 0.0
PUNGO	* NP00115	MIDDLE FORK SALMON RIVER			* 44 45.5	* 900.0	* 1170.0	* 305.0	* 305.0	* 0.0	* 0.0
	* NP00125	RIVER			* 44 3.0				* 0.0	* 0.0	* 0.0
CHALLIS	* NP00123	SALMON RIVER			* 44 24.1	* 1025.0	* 1460.0	* 325.0	* 325.0	* 0.0	* 0.0
	* NP00126				* 44 15.3				* 0.0	* 0.0	* 0.0
CHALLIS CREEK	* NP00124	CHALLIS CREEK			* 44 34.2	* 85.0	* 44.0	* 150.0	* 0.0	* 0.0	* 0.0
	* NP00127				* 44 17.3				* 0.0	* 0.0	* 0.0
STANLEY	* NP00125	SALMON RIVER			* 44 15.0	* 535.0	* 720.0	* 347.0	* 347.0	* 0.0	* 0.0
	* NP00128				* 44 53.0				* 0.0	* 0.0	* 0.0
HOLMAN CREEK	* NP00141	SALMON RIVER			* 44 16.1	* 1000.0	* 1200.0	* 95.0	* 95.0	* 0.0	* 0.0
	* NP00129				* 44 19.2				* 0.0	* 0.0	* 0.0
FRANKLIN	* NP00254	LOON CREEK			* 44 48.0	* 320.0	* 480.0	* 525.0	* 0.0	* 0.0	* 0.0
	* NP00130				* 44 48.0				* 0.0	* 0.0	* 0.0
FALCONBERY	* NP00255	LOON CREEK			* 44 43.0	* 310.0	* 465.0	* 360.0	* 0.0	* 0.0	* 0.0
	* NP00131				* 44 48.0				* 0.0	* 0.0	* 0.0
CASTLE CREEK	* NP00271	EAST FORK BIG LOON RIVER			* 43 54.0	* 190.0	* 150.0	* 400.0	* 230.0	* 0.0	* 0.0
	* NP00132	RIVER			* 44 3.0				* 0.0	* 0.0	* 0.0
BAYHORS	* NP00299	SALMON RIVER			* 44 24.0	* 1600.0	* 1480.0	* 325.0	* 0.0	* 0.0	* 0.0
	* NP00133				* 44 15.0				* 0.0	* 0.0	* 0.0

## L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DRAINAGE CONTROL, PAFAM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY: NAME, INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



## ( 07109179 )

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(1) - TOP LINE INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CRYLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
      DEBRIS CONTROL, PEPAN POND, OTHER
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)
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# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PURPOSE	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFR)	NET POWER OF DAM (1000 KW)	STORAGE CAPACITY (1000 GPM)	ENERGY (1000 KWH)
COUNTY NAME: CLARK											
SHERIDAN	ID00177	SHERIDAN AND DRY	CATTLE	44 27.5	65.0	39.0	13.0	15.0	5.0	0.0	0.0
COUNTY NAME: CLEARWATER											
KODSKIA	ID00161	CLEARWATER RIVER		46 20.1	4944.0	980.0	129.0	174.0	567.0	0.0	0.0
ROCK CREEK	ID00142	NORTH FORK CLEARWATER RIVER		46 47.3	1126.0	2640.0	391.0	460.0	380.0	0.0	0.0
KELLY FORK	ID00169	NORTH FORK CLEARWATER RIVER		46 43.3	360.0	1450.0	380.0	0.0	0.0	0.0	0.0
DROFINO	ID00190	CLEARWATER RIVER		40 28.2	5375.0	9700.0	86.0	86.0	162.0	0.0	0.0
AMSAHKA	ID00191	CLEARWATER RIVER		46 29.8	5590.0	10000.0	26.0	26.0	0.0	0.0	0.0
WETAS	ID00197	NORTH FORK CLEARWATER RIVER		46 38.0	980.0	2350.0	410.0	410.0	0.0	0.0	0.0
SALMON CREEK	ID00198	NORTH FORK CLEARWATER RIVER		46 51.5	1400.0	3300.0	213.0	250.0	113.0	0.0	0.0
BOEWLS BUTTE	ID00202	LITTLE N FORK CLEARWATER RIVER		46 53.3	234.0	560.0	600.0	0.0	0.0	0.0	0.0
GATEWAY	ID00203	LITTLE N FORK CLEARWATER RIVER		46 55.0	176.0	420.0	500.0	0.0	0.0	0.0	0.0
BALD KNOB	ID00205	SKULL AND QUARTZ CREEK		46 49.0	113.0	270.0	550.0	0.0	0.0	0.0	0.0

LEGEND

- TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CATTLE CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION.
- ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FROM EXISTING DAMS) (FOR UNDEVELOPED SITES)
- INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY

# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (1)	UNDER (2)	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLW (CFS)	NET WEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (MG)	ENERGY (GWH) (3)
COUNTY NAME: CARIBOU										
SODA POINT RESERVOIR	1000060	BEAR RIVER	UTAH POWER AND LIGHT CO	42 38.5	3840.0	0.4	79.4	89.4	11.4	14.00E 26.0
BLACKFOOT	1000204	BLACKFOOT RIVER	001 BIA	43 .3	581.0	204.4	28.4	39.4	410.4	0.4E 0.4
BLACKFOOT CHINA	1000266	BLACKFOOT RIVER	001 BIA	42 50.7	581.0	204.4	15.4	20.4	410.4	0.4E 0.4
GRAYS LAKE-CLARK	1000268	TRIBUTARY OF MEAD CUT	001 BIA	43 .4	137.0	85.4	7.4	9.4	100.4	0.4E 0.4
COVE POWERHOUSE	1008000	BEAR RIVER	UTAH POWER AND LIGHT CO	42 32.5	3840.0	0.4	98.4	26.4	0.4E	7.50E 25.6
GRACE POWER HOUSE	1008001	BEAR RIVER	UTAH POWER AND LIGHT CO	42 35.5	3840.0	0.4	524.4	48.4	0.4E	33.00E 128.5
SODA SPRINGS NO 1 POWERHOUSE	1008003	SODA CREEK	CITY OF SODA SPRINGS	42 39.5	144.0	0.4	84.4	0.4	0.4E	.40E 1.6
SODA SPRINGS NO 2 POWERHOUSE	1009004	SODA CREEK	CITY OF SODA SPRINGS	42 39.5	144.0	0.4	50.4	0.4	0.4E	.12E 1.2
COUNTY NAME: CASSIA										
DAKLEY	1000233	GONSE CREEK	DAKLEY CANAL CO	42 11.8	729.0	54.4	109.4	136.4	74.4	0.4E 0.4
COUNTY NAME: CLARK										
MEDICINE LODGE	1000274	MEDICINE LODGE C&H	FERC POWER SUPPLY AREA 41	44 15.0	250.0	50.4	500.4	0.4	0.4E	0.4U 0.4
	1000099	REEK		42 28.0						4.77E 23.2

LEGEND

- TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&H CONTROL, RECREATION, WATER SUPPLY, RECREATION.
- DEVELOPMENT CONTROL, RECREATION, WATER SUPPLY, RECREATION.
- ESTABLISHED CAPACITY AND ENERGY. INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS).
- UNINSTALLED CAPACITY AND ENERGY. POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES).



# PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF IDAHO

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PURPOSE	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLU (CFS)	NET WEIGHT OF DAM (1000 DM)	STORAGE CAPACITY (MM)	ENERGY (MMH)
	(1)		(2)				(CFS)	(FT)	AC FT	(3)
COUNTY NAME: CAMAS										
BIG SMOKY	1000029	SOUTH FORK BOISE RIVER			43 36.0	324.0	420.0	270.0	0.0	0.0
	1000085	RIVER			43 55.0			0.0	0.0	0.0
BOARDMAN CREEK	1000030	SOUTH FORK BOISE RIVER			43 36.0	324.0	420.0	270.0	0.0	0.0
	1000086	RIVER			43 4.0			0.0	0.0	0.0
LITTLE SMOKEY	1000258	SOUTH FORK BOISE RIVER			43 33.0	67.0	90.0	410.0	0.0	0.0
	1000087	RIVER			43 47.0			0.0	0.0	0.0
JOHNSON CREEK	1000259	SOUTH FORK BOISE RIVER			43 39.0	35.0	55.0	900.0	0.0	0.0
	1000088	RIVER			43 54.3			0.0	0.0	0.0
MORRISON	1000024	LAKE CREEK			43 16.8	75.0	21.0	30.0	31.0	0.0
	1000089				43 46.0			0.0	0.0	0.0
COUNTY NAME: CANYON										
MARSING	1000080	SNAKE RIVER			43 30.2	4250.0	10200.0	30.0	0.0	0.0
	1000090				43 47.0			0.0	0.0	0.0
UPPER DEER FLAT	1000276	BOISE RIVER OFFS. IR			43 33.5	2660.0	1356.0	65.0	190.0	0.0
	1000091	TREAS			43 38.9			0.0	0.0	0.0
MIDDLE DEER FLAT	1000277	BOISE RIVER OFFS. IR			43 33.8	2660.0	1356.0	11.0	190.0	0.0
	1000092	TREAS			43 10.0			0.0	0.0	0.0
LOWER DEER FLAT	1000278	BOISE RIVER OFFS. IR			43 34.7	2660.0	1356.0	41.0	190.0	0.0
	1000093	TREAS			43 44.5			0.0	0.0	0.0
COUNTY NAME: CARIBOU										
BLACK ROCK	1000085	POPPLE RIVER			42 48.0	897.0	235.0	470.0	0.0	0.0
	1000094				42 21.0			0.0	0.0	0.0

LEGEND

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- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION.
- (3) - ESTABLISHED CAPACITY AND ENERGY. NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY. TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ #	CRIVER	PUMP #	OWNER	LONGITUDE (D.M.H.)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE NET HEAD (FT)	MAXIMUM STORAGE (MM)	CAPACITY (3)	ENERGY (GWH)
COUNTY NAME: SHOSHONE									FERC POWER SUPPLY AREA 42	FERC REGIONAL OFFICE CODE 3F			
QUARTZ BLUFF	IDU0344	ST JCE RIVER	2H				47 12.0	304.0	745	280	0	0	0
	NP30021						115 30.0						66.47
SIMMONS CREEK	IDU0385	ST JCE RIVER	2H				47 8.4	165.0	430	320	0	0	0
	NP30023						115 24.5						41.23
KATKA	IDU3001	KONTENAI R.	2H				48 41.4	11780.0	14650	125	0	0	0
	NP30024						116 9.0						515.51
ENAVILLE	IDU3006	COEUR D ALENE RIVER	2H				47 34.2	895.0	2000	161	0	0	0
	NP30025	EVER					116 15.0						102.36
LELAND GLEN	IDU3007	COEUR U ALENE RIVER	2H				47 39.0	594.0	1330	293	0	0	0
	NP30027	EVER					116 1.8						123.64
BUNKER HILL TAILINGS NO 3	IDU0031	COEUR D ALENE RIVER	2H			BUNKER HILL	47 32.7	5.0	7	43	50	0	0
	NP30028	OFFSHORE				COMPANY	116 8.7						10.10
COUNTY NAME: TETON									FERC POWER SUPPLY AREA 41	FERC REGIONAL OFFICE CODE 3F			
FELT	IDU0041	TETON RIVER	2H				43 56.0	350.0	753	90	0	0	0
	NP30322					EA	111 16.3						5.35
JUDKINS	IDU0320	NORTH FORK TETON RIVER	2H				43 56.0	156.0	140	475	0	0	0
	NP30323						111 19.0						15.35
TETONIA	IDU0321	TETON RIVER	2H				43 52.0	475.0	390	140	43	0	0
	NP30324						111 15.0						7.90
VICTOR	IDU0322	TETON RIVER	2H				43 36.5	61.0	100	400	120	0	0
	NP30325						111 5.2						4.24
BOONE CREEK	IDU0330	BOONE CREEK	2H				44 6.0	40.0	85	560	120	0	0
	NP30326						111 6.0						4.38

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CROFLOOD CONTROL, NAVIGATION, SWATH SUPPLY, RECREATION, DEBRIS CONTROL, PEFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
(2) = DISEASTS CONTROL, P=FARM POND, O=OTHER  
(3) = ESTIMATED CAPACITY AND ENERGY NEWEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) = UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (1)	OWNER	LATITUDE (DM-N)	LONGITUDE (DM-N)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE POWER (FT)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY CAPACITY (GWH)
COUNTY NAMES: TWIN FALLS													
DEEP CREEK	ID000234	DEEP CREEK	10	DAVID CHADWIN	42 17.7	5.0	5.0	37.0	2.4E	0.0E	0.0E	0.0E	0.0E
R TWO	NP00339			CK	114 37.0								
COUNTY NAMES: VALLEY													
SCOTT CREEK	ID00009	DEADWOOD RIVER			44 13.0	194.0	340.0	360.0	0.0	0.0	0.0	0.0	0.0
	NP00340				115 38.0								
CLOVERLEAF	ID00010	DEADWOOD RIVER			44 7.3	194.0	340.0	865.0	0.0	0.0	0.0	0.0	0.0
	NP00341				115 40.0								
UPPER SCRIVER	ID00060	NORTH FORK PAYET			44 12.0	893.0	1300.0	440.0	0.0	0.0	0.0	0.0	0.0
	NP00342	TE RIVER			116 0.								
WOGUS CREEK	ID00063	NORTH FORK PAYET			44 19.0	869.0	1200.0	182.0	182.0	0.0	0.0	0.0	0.0
	NP00343	TE RIVER			116 4.0								
WEAR HILL	ID00096	SOUTH FORK SALMO			44 40.1	140.0	224.0	385.0	390.0	0.0	0.0	0.0	0.0
	NP00344	N RIVER			115 42.2								
JEANOTT	ID00097	SOUTH FORK SALMO			45 9.4	1050.0	1550.0	155.0	160.0	0.0	0.0	0.0	0.0
	NP00345	N RIVER			115 34.5								
WEAR CREEK	ID00098	SOUTH FORK SALMO			45 8.3	1070.0	380.0	200.0	0.0	0.0	0.0	0.0	0.0
	NP00346	N RIVER			115 34.1								
WUCKHORN	ID00099	SOUTH FORK SALMO			45 1.0	266.0	426.0	310.0	280.0	0.0	0.0	0.0	0.0
	NP00347	N RIVER			115 43.0								
CUMTUX	ID00110	SOUTH FORK SALMO			45 11.0	1165.0	1600.0	355.0	355.0	125.0	0.0	0.0	0.0
	NP00348	N RIVER			115 34.0								
SHEEPREATER NO 1	ID00117	MIDDLE FORK SALMO			44 40.3	450.0	675.0	580.0	0.0	0.0	0.0	0.0	0.0
	NP00349	ON RIVER			115 9.0								
L E G E N D													

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DISEASE CONTROL, PESTICIDE CONTROL, OTHER  
(3) - ESSENTIAL CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP.	OWNER	PLATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL *POWER INFLW * HEAD (CFR) * (FT)	NET HEIGHT OF DAM * (1000 * (AC FT)	CAPACITY * (M) * (3)	ENERGY (KWH) * (3)
COUNTY NAME: VALLEY										
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 8F										
FALL CREEK	ID00131	MIDDLE FORK SALMON	M		44 30.4	360.0	560.0	195.0	0.0	0.0
	NP00350	ON RIVER			115 14.5				49.1957	78.6
CHINOOK	ID00135	MIDDLE FORK SALMON	M		44 31.0	338.0	550.0	335.0	0.0	0.0
	NP00351	ON RIVER			115 14.2				78.6657	136.5
TAILMOLT-SCOTT	ID00236	SOUTH FORK SALMON	M		45 6.3	1010.0	1520.0	360.0	0.0	0.0
	NP00352	ON RIVER			115 37.0				193.2357	368.1
BUTTERFLY-SCOTT	ID00237	SECECH RIVER	M		45 6.3	175.0	280.0	1440.0	0.0	0.0
	NP00353				115 37.0				186.2357	336.4
WHANGOODLE	ID00238	SECECH RIVER	M		45 6.2	115.0	184.0	940.0	0.0	0.0
	NP00354				115 45.3				80.7557	145.2
SECECH	ID00239	SECECH RIVER	M		45 12.0	115.0	184.0	260.0	0.0	0.0
	NP00355				115 49.0				22.3357	40.2
PARKS-SCOTT	ID00240	E/FORK OF S/FORK	M		45 6.3	342.0	558.0	1400.0	0.0	0.0
	NP00356	SALMON RIVER			115 37.0				229.3957	454.4
YELLOW PINE	ID00241	E/FORK OF S/FORK	M		44 58.0	215.0	300.0	540.0	0.0	0.0
	NP00357	SALMON RIVER			115 31.0				55.6257	110.2
LANDMARK	ID00243	JOHNSON CREEK	M		44 38.1	60.0	96.0	120.0	0.0	0.0
	NP00358				115 31.5				3.4557	6.8
HALFWAY	ID00244	JOHNSON CREEK	M		44 49.0	88.0	143.0	400.0	0.0	0.0
	NP00359				115 31.0				16.8657	33.4
STIGBITE	ID00245	E/FORK OF S/FORK	M		44 58.0	70.0	65.0	800.0	0.0	0.0
	NP00360	SALMON			115 25.5				26.8357	53.1
REED	ID00246	SOUTH FORK SALMON	M		44 54.0	266.0	425.0	170.0	0.0	0.0
	NP00361	ON RIVER			115 42.3				29.8557	55.3

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, PEAK POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   I D A H O

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. PURPOSE	CNNR	LONGITUDE	AREA (SQ MI)	ANNUAL INFLOW (CFS)	HEAD (FT)	DAM (1000 AC FT)	NET HEIGHT	STORAGE CAPACITY (M3)	ENERGY (KWH)
COUNTY NAMES VALLEY												
POVERTY FLAT												
	ID00247	SOUTH FORK SALMON RIVER			44 52.0	140.0	224.0	830.0	0.0	0.0	0.0	0.0
	NP0362	N RIVER			115 42.0						68.0	126.0
KNOX												
	ID00248	SOUTH FORK SALMON RIVER			44 52.0	140.0	224.0	270.0	0.0	0.0	0.0	0.0
	NP0363	N RIVER			115 41.5						22.3	41.0
CABIN CREEK												
	ID00251	816 CREEK			45 5.3	470.0	810.0	600.0	0.0	0.0	0.0	0.0
	NP0364				114 44.0						49.8	91.6
UPPER LAKE												
	ID00302	NORTH FORK PAYETTE RIVER			45 2.0	60.0	160.0	550.0	0.0	0.0	0.0	0.0
	NP0365	STE RIVER			116 3.0						44.0	76.6
PEACE VALLEY												
	ID00304	SILVER CREEK			44 18.5	35.0	53.0	850.0	0.0	0.0	0.0	0.0
	NP0366				115 51.3						24.2	43.0
BOILING SPRINGS												
	ID00305	MIDDLE FORK PAYETTE RIVER			44 18.5	68.0	132.0	450.0	0.0	0.0	0.0	0.0
	NP0367	ATTE RIVER			115 51.3						52.2	97.7
WHITEHAWK												
	ID00306	WHITEHAWK CREEK			44 17.0	32.0	70.0	500.0	0.0	0.0	0.0	0.0
	NP0368				115 38.0						13.0	23.3
UPPER PAYETTE LAKE												
	ID00014	NORTH FORK PAYETTE RIVER			45 2.0	36.0	96.0	10.0	12.0	3.0	0.0	0.0
	NP0369	STE RIVER			116 3.0						0.0	0.0
BROWNS POND-CRUIZ												
	ID00127	LAKE FORK PAYETTE RIVER			44 55.0	49.0	150.0	34.0	40.0	1.0	0.0	0.0
	NP0370	EE RIVER			115 57.5						1.0	3.3
HORSETHIEF BASIN												
	ID00128	HORSETHIEF AND BROWNS POND			44 30.5	48.0	100.0	40.0	47.0	5.0	0.0	0.0
	NP0371	IG CREEK			115 55.5						1.4	2.7
JEMINA K												
	ID00213	NORTH FORK BEAVER CREEK			44 34.5	10.0	14.0	42.0	49.0	1.0	0.0	0.0
	NP0372	R CREEK			116 4.0						0.2	0.4
LITTLE PAYETTE LAKE												
	ID00243	LAKE FORK PAYETTE RIVER			44 54.3	64.0	165.0	18.0	21.0	17.0	0.0	0.0
	NP0373	EE RIVER			116 2.0						0.9	1.7

\*\*\*\*\*  
LEGEND  
\*\*\*\*\*  
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(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION.  
(3) - E=INSTALLED CAPACITY AND ENERGY NENE= INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	PURP#	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL INFLW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (AC FT)	MAXIMUM ENERGY (KWH)
CASCADE	ID00283	NORTH FORK PAYETTE RIVER	12	1	IN CO	44 54.7	116 7.5	144.0	358	5.1	95.2	0.23
DEADWOOD	ID00284	DEADWOOD RIVER	12	1	DOJ USBR	44 17.6	115 38.7	4.0	340	113	147	191
GALLOWAY	ID00014	WEISER RIVER	12	1	IN CO	44 15.0	116 46.0	1473.0	1170	360	1300	0.23
GOODRICH	ID00079	WEISER RIVER	12	1	IN CO	44 37.4	116 36.5	593.0	650	170	250	0.23
CAMBRIDGE	ID00301	WEISER RIVER	12	1	IN CO	44 33.0	116 42.0	593.0	695	90	0	0
BROWNLEE	ID00055	SNAKE RIVER	12	1	ID POWER CO	44 50.2	116 54.0	72590.0	0	231	1427	360.40
CRANE CREEK	ID00133	CRANE CREEK	12	1	CRANE CREEK RES CO	44 21.4	116 37.0	242.0	75	47	70	0.23
FAIRCHILD	ID00210	SAGE CREEK	12	1	ANT FAIRCHILD	44 27.8	116 54.4	8.0	10	63	4	0.23
PADDOCK VALLEY	ID00250	LITTLE WILLOW CREEK	12	1	LITTLE WILLOW	44 11.9	116 35.8	65.0	84	40	33	0.23
BARTON	ID00253	MONROE CREEK	12	1	MONROE CR IR	44 19.2	116 55.3	54.0	70	37	1	0.23

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(3) - ES=INSTALLED CAPACITY AND ENERGY, IN=INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF IDAHO

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*****
* IDENT * NAME OF STREAM * PROJ *   * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * ON RIVER *   *   * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY *
* (1) *   *   *   * INFLW * HEAD * DAM * (1000 * (MW) * (GWh) *
* (2) *   *   *   * (CFS) * (FT) * (FT) * AC FT) * (3) * (3) *
*****
COUNTY NAMES WASHINGTON
*****
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 8F
*****
MANN CREEK * I000285 * MANN CREEK * 44 23.5 * 56.0 * 40 * 115 * 132 * 15.4E 0. *E 0.
* NPH0385 *   *   * 116 53.6 *   *   *   *   *   *   *N 2.69 *N 5.6
*****
LEGEND
*****
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(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,
      O=OTHER CONTROL, P=PAVING, D=DRAINAGE, G=GEOTHERMAL
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)
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STATE OF OREGON

[illegible]

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLW (CFS)	NET POWER HEAD (FT)	MAXIMUM STORAGE CAPACITY (MM)	ENERGY (GWH) (3)
COUNTY NAMES BAKER											
PERC POWER SUPPLY AREA 41 PERC REGIONAL OFFICE CODE 8F											
ROCK CREEK	ORU0023	ROCK CREEK	M	CAL PAC UTIL	44 53.2	118 6.0	0.	0.	936.	0.	80E 4.9
	NP0388			CD							0. 0.
NEW BRIDGE	ORU0041	EAGLE CREEK	M		44 48.0	117 12.0	136.0	320.	520.	0.	0. 0.
	NP0389										15.36E 28.7
LOWER EAGLE CREEK	ORU0042	EAGLE CREEK	M		44 53.0	117 15.0	136.0	320.	400.	0.	0. 0.
K	NP0390										23.68E 48.9
RICHLAND	ORU0043	POWDER RIVER	M		44 45.0	117 12.3	1310.0	230.	223.	0.	0. 0.
	NP0391										66.66E 145.9
DIG TIMBER CANYON	ORU0044	POWDER RIVER	M		44 46.3	117 18.0	1310.0	230.	250.	0.	0. 0.
N	NP0392										19.95E 41.3
SALT CREEK	ORU0045	POWDER RIVER	M		44 55.0	117 40.0	1021.0	180.	340.	0.	0. 0.
	NP0393										21.14E 43.7
NORTH POWDER	ORU0046	NORTH POWDER RIVER	M		44 56.0	118 1.0	67.0	55.	1000.	0.	0. 0.
	NP0394										25.42E 32.6
BOWEN	ORU0047	POWDER RIVER	M		44 45.0	117 50.0	290.0	150.	440.	0.	0. 0.
	NP0395										24.17E 45.1
DURKEE	ORU0048	BURNT RIVER	M		44 34.3	117 28.0	797.0	150.	150.	0.	0. 0.
	NP0396										2.75E 10.3
DEER CREEK	ORU0049	BURNT RIVER	M		44 34.3	117 30.0	692.0	105.	530.	0.	0. 0.
	NP0397										14.46E 31.7
DARK CANYON	ORU0050	BURNT RIVER	M		44 32.3	117 40.0	650.0	100.	450.	0.	0. 0.
	NP0398										55.40E 103.4
WILD HORSE RAPID	ORU0051	PINE CREEK	M		44 52.0	116 52.0	185.0	275.	835.	0.	0. 0.
S	NP0399										76.01E 182.3

LEGEND

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O=DEBRIS CONTROL, P=PEAK FLOOD, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DEBRIS CONTROL, FARM POND, OTHER
- (3) - INSTALLED CAPACITY AND ENERGY NNEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT	NAME OF STREAM	PROJ#	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
(1)	(2)	CR RIVER	PURP	(DM,M)	AREA	ANNUAL	POWER	OF	STORAGE	(M)	(GWH)
		OWNER			(SQ MI)	INFLOW	HEAD	DAM		(AC FT)	(3)
						(CFS)	(FT)	(FT)			(3)
COUNTY NAME: BENTON											
UDP DRU0562	*IR	PEAK CREEK		44 19.5	10.0	47.0	69.0	94.0	6.0	0.0	0.0
	*NP0004			123 29.0						0.0	2.9
NOON	*H	MARYS RIVER		44 34.4	97.0	300.0	170.0	180.0	102.0	0.0	0.0
	*NP0005			123 24.0						3.80	16.1
TUM=TUM	*IC	TUM TUM RIVER		44 35.2	35.0	120.0	120.0	63.0	28.0	0.0	0.0
	*NP0006			123 31.2						2.20	9.6
PEAK CREEK	*H	SOUTH FORK ALSEA RIVER		44 21.0	30.0	90.0	575.0	75.0	0.0	0.0	0.0
	*NP2745	RIVER		123 34.7						7.90	34.5
WREN	*CI	MARYS RIVER		44 34.8	78.0	155.0	120.0	132.0	50.0	0.0	0.0
	*NP2766			123 26.4						5.43	23.3
COUNTY NAME: CLACKAMAS											
SULLIVAN	*H	WILLAMETTE RIVER		45 22.0	10100.0	33101.0	37.0	40.0	0.0	15.40	80.0
	*NP0007			122 38.0						277.11	741.1
WEST LINN	*H	WILLAMETTE RIVER		45 21.0	10100.0	0.0	43.0	0.0	0.0	13.90	30.0
	*NP2768			122 36.8						0.0	0.0
LOWER CLACKAMAS/	*H	CLACKAMAS RIVER		45 23.4	671.0	0.0	240.0	45.0	60.0	0.0	0.0
CLEAR CREEK	*H	CLEAR CREEK		122 26.1						95.00	438.0
LOWER CLACKAMAS	*H	CLACKAMAS RIVER		45 23.4	842.0	3200.0	180.0	26.0	0.0	0.0	0.0
	*NP0010			122 26.1						72.00	330.0
PELKEY	*H	MOLLALA RIVER		45 0.0	93.0	520.0	300.0	370.0	70.0	0.0	0.0
	*NP0011			122 29.0						45.44	104.9
BLAZED ALDER CREEK	*H	BLAZED ALDER CREEK		45 27.0	8.0	60.0	118.0	160.0	15.0	0.0	0.0
	*NP0012			122 54.0						1.24	4.0

LEGEND

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(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	CHNR	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	OF	STORAGE	CAPACITY	ENERGY
					LONGITUDE	AREA	ANNUAL	POWER	HEAD	DAM	(1000	(GWH)	(3)	(3)
					(DM)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)				
COUNTY NAME: CLACKAMAS														
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF														
CARVER	*DRU0156*	CLACKAMAS RIVER	*H		*45 23.5	*906.0*	*336.0*	*225*	*0*	*0*	*0*	*0*	*0*	*0*
	*NPP0013*				*122 29.0							*134.94*	*545.5	
COLLAWASH	*DRU0159*	CLACKAMAS RIVER	*H		*45 1.5	*240.0*	*835*	*600*	*0*	*0*	*0*	*0*	*0*	*0*
	*NPP0014*				*122 3.5							*92.06*	*413.3	
DICKEY	*DRU0175*	MOLALLA RIVER	*H		*45 6.0	*188.0*	*1040*	*180*	*0*	*0*	*0*	*0*	*0*	*0*
	*NPP0015*				*122 31.5							*28.90*	*113.9	
EAGLE CREEK	*DRU0177*	EAGLE CREEK/CLAC*	*H		*45 20.5	*79.0*	*305*	*160*	*0*	*0*	*0*	*0*	*0*	*0*
	*NPP0016*	CLACKAMAS RIVER			*122 20.0							*7.40*	*32.5	
FISCHERS MILL	*DRU0181*	CLEAR CREEK	*H		*45 20.0	*60.0*	*210*	*400*	*180*			*0*	*0*	*0*
	*NPP0017*				*122 26.5							*12.80*	*55.9	
FOUR HUNDRED	*DRU0183*	MOLALLA RIVER	*HC		*45 8	*97.0*	*545*	*470*	*0*	*0*	*0*	*0*	*0*	*0*
	*NPP0018*				*122 29.0							*74.25*	*171.3	
UDP DRU0186	*DRU0186*	LITTLE CLEAR CREEK	*H		*45 16.0	*8.0*	*16*	*49*	*66*			*0*	*0*	*0*
	*NPP0019*				*122 25.0							*.16*	*.7	
UDP DRU0187	*DRU0187*	SCOTT CREEK	*S		*45 26.0	*4.0*	*6*	*52*	*70*			*0*	*0*	*0*
	*NPP0020*				*122 33.0							*.07*	*.3	
GLEN AVON	*DRU0192*	MOLALLA RIVER	*H		*45 5.5	*188.0*	*1040*	*200*	*210*			*0*	*0*	*0*
	*NPP0021*				*122 30.0							*32.31*	*126.7	
HEADWATERS	*DRU0194*	MOLALLA RIVER	*H		*44 57.0	*55.0*	*0*	*475*	*0*			*0*	*0*	*0*
	*NPP0022*				*122 22.0							*5.30*	*33.0	
LAST CHANCE MOUNTAIN	*DRU0201*	SANDY RIVER	*H		*45 23.2	*13.0*	*80*	*1200*	*0*			*0*	*0*	*0*
	*NPP0023*				*121 50.5							*14.60*	*63.9	
LINNEY	*DRU0202*	SALMON RIVER	*H		*45 15.0	*53.0*	*205*	*900*	*160*			*0*	*0*	*0*
	*NPP0024*				*121 54.0							*16.60*	*124.0	

LEGEND

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OR OTHERS CONTROL, P&FARM POND, OTHER  
(3) - REINSTALLED CAPACITY AND ENERGY  
(3) - UNINSTALLED CAPACITY AND ENERGY

NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT NUMBER	NAME OF STREAM CR RIVER	PURP (2)	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (GPM) (3)	ENERGY (WH) (3)
COUNTY NAME: CLACKAMAS FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F											
MARMOT	*DRU0207*	SANDY RIVER	H	*45 22.5	*262.0*	*1092.*	*600.*	*0.*	*0.*	*0.*	*0.
	NPP0025*		*	*122 6.5	*	*	*	*	*139.27*	*533.3	
HEADONS	*DRU0209*	SALMON RIVER	H	*45 13.0	*40.0*	*120.*	*420.*	*80.*	*20.*	*0.*	*0.
	NPP0026*		*	*121 50.0	*	*	*	*	*5.20*	*35.0	
NORTH FORK	*DRU0217*	MOLALLA RIVER	HCI	*45 5.0	*191.0*	*676.*	*378.*	*0.*	*0.*	*0.*	*0.
	NPP0027*		*	*122 29.0	*	*	*	*	*62.80*	*244.0	
WELCHES	*DRU0253*	SALMON RIVER	H	*45 15.0	*78.0*	*320.*	*450.*	*0.*	*0.*	*0.*	*0.
	NPP0028*		*	*121 43.0	*	*	*	*	*9.80*	*64.0	
CLLEAR CREEK	*DRU0260*	CLACKAMAS RIVER	H	*45 25.0	*844.0*	*3200.*	*40.*	*45.*	*60.*	*0.*	*0.
	NPP0029*		*	*122 29.5	*	*	*	*	*16.00*	*73.0	
DICKEY BRIDGE	*DRU0269*	MOLALLA RIVER	HIC	*45 8.0	*206.0*	*800.*	*229.*	*130.*	*0.*	*0.*	*0.
	NPP0030*		*	*122 32.7	*	*	*	*	*22.58*	*89.9	
FISH CREEK	*DRU0280*	CLACKAMAS RIVER	H	*45 9.6	*563.0*	*2280.*	*240.*	*70.*	*0.*	*0.*	*0.
	NPP0031*		*	*122 8.6	*	*	*	*	*27.00*	*140.0	
ROCK CREEK	*DRU0367*	ROCK CREEK	CIR	*45 8.0	*51.0*	*98.*	*21.*	*29.*	*8.*	*0.*	*0.
	NPP0032*		*	*122 42.5	*	*	*	*	*.43*	*1.9	
UDP DRU0370	*DRU0370*	TICKLE CREEK	H	*45 26.0	*12.0*	*43.*	*52.*	*70.*	*2.*	*0.*	*0.
	NPP0033*		*	*122 21.5	*	*	*	*	*.46*	*2.0	
UDP DRU0377	*DRU0377*	BEAVER CREEK	H	*45 17.0	*12.0*	*20.*	*18.*	*25.*	*1.*	*0.*	*0.
	NPP0034*		*	*122 39.0	*	*	*	*	*.07*	*.3	
UDP DRU0380	*DRU0380*	BERNATHY CREEK	H	*45 18.0	*9.0*	*15.*	*44.*	*60.*	*3.*	*0.*	*0.
	NPP0035*		*	*122 30.0	*	*	*	*	*.16*	*.7	
WILMOIT LOWER	*DRU0383*	ROCK CREEK	CIM	*45 3.0	*4.0*	*10.*	*53.*	*72.*	*1.*	*0.*	*0.
	NPP0036*		*	*122 36.0	*	*	*	*	*.11*	*.5	

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DERRIS CONTROL, DEFAM FOND, OOTHER
- (3) - INSTALLED CAPACITY AND ENERGY
- (4) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT	NAME OF STREAM	PROJ#	LAITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP#	LONGITUDE	AREA	ANNUAL	POWER	OF	OF	(1000	(MM)	(GWH)
	(1)		(2)	(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(3)
COUNTY NAME: CLACKAMAS					FERC POWER SUPPLY AREA 44	FERC REGIONAL OFFICE CODE 3F						
SHELLROCK (HIGH ROCK)	ORU0389	OAK GROVE FORK	M	45 5.0	69.0	165.	927.	110.	66.	0.	0.	0.
	NPP0037			121 51.4					40.09	183.6		
UPPER AUSTIN POINT	ORU0413	COLLAWASH RIVER	MCSR	45 1.2	152.0	640.	220.	405.	220.	0.	0.	0.
NT	NPP0038			122 3.8					39.36	176.7		
ZIGZAG	ORU0425	SANDY RIVER	M	45 21.0	185.0	970.	250.	0.	0.	0.	0.	0.
	NPP0039			121 57.0					39.74	155.9		
PINE CREEK	ORU0436	MOLLALA RIVER	M	45 .5	97.0	540.	374.	0.	0.	0.	0.	0.
	NPP0040			122 29.0					59.08	136.3		
SOUTH FORK	ORU0443	CLACKAMAS RIVER	M	45 11.0	581.0	2360.	200.	0.	0.	0.	0.	0.
	NPP0041			122 12.5					76.46	310.5		
BEE RANCH	ORU0518	MOLLALA RIVER	R	44 47.0	72.0	370.	78.	106.	9.	0.	0.	0.
	NPP0042			122 26.0					5.99	26.1		
UDP ORU0534	ORU0534	EAGLE CREEK	M	45 17.0	28.0	134.	174.	235.	24.	0.	0.	0.
	NPP0043			122 11.0					4.80	21.0		
BEAR CREEK	ORU0544	BEAR CREEK	IR	45 11.0	19.0	26.	16.	21.	2.	0.	0.	0.
	NPP0044			122 44.0					.08	.4		
BUCKNER CREEK	ORU0545	BUCKNER CREEK	CIR	45 12.0	12.0	21.	30.	40.	3.	0.	0.	0.
	NPP0045			122 57.0					.13	.6		
COLEMAN	ORU0546	PUDGING RIVER	IR	44 55.5	3.0	8.	30.	40.	5.	0.	0.	0.
	NPP0046			122 48.0					.05	.2		
CEDAR CREEK-LONE	ORU0548	CEDAR CREEK	CIR	45 13.0	4.0	7.	38.	52.	1.	0.	0.	0.
R	NPP0047			122 29.0					.06	.3		
PRATUM	ORU0550	PUDGING RIVER	CIR	44 59.0	23.0	50.	15.	20.	3.	0.	0.	0.
	NPP0048			122 52.0					.15	.7		

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=LOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: P=PARK POND, G=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID#	NAME OF STREAM	CR	RIVER	PROJ#	OWNER	LATITUDE	LONGITUDE	AREA	ANNUAL	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
					(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
COUNTY NAME: CLACKAMAS															
CLIFF	ORU0639	CLACKAMAS RIVER	M				45 12.0	122 13.5	625.0	2360.0	400.0	360.0	0.0	0.0	0.0
	NPP0049														
HENRY CREEK	ORU0637	ZIGZAG RIVER	M				45 20.5	121 55.0	14.0	80.0	930.0	0.0	0.0	0.0	0.0
	NPP0050														
NOMHERE MEADOWS (RESERVOIR)	ORU0680	CLACKAMAS RIVER	MCS				45 6.5	122 4.0	466.0	1500.0	480.0	480.0	412.0	0.0	0.0
	NPP0051														
NOMHERE MEADOWS (DIVERSION)	ORU0681	CLACKAMAS RIVER	M				45 6.5	122 4.0	306.0	1070.0	360.0	0.0	0.0	0.0	0.0
	NPP0052														
OLD MAIOS FLAT	ORU0683	SANDY RIVER	M				45 28.4	122 53.5	14.0	80.0	700.0	50.0	0.0	0.0	0.0
	NPP0053														
RHODDENDORON	ORU0691	ZIGZAG RIVER	M				45 19.5	121 55.0	14.0	80.0	900.0	0.0	0.0	0.0	0.0
	NPP0054														
THREE HUNDRED	ORU0702	MOLALLA RIVER	M				45 1.0	122 29.0	93.0	520.0	445.0	0.0	0.0	0.0	0.0
	NPP0055														
LOWER AUSTIN PT	ORU0662	CLACKAMAS RIVER	M				45 1.8	122 3.5	314.0	1479.0	460.0	460.0	350.0	0.0	0.0
	NPP2742														
SOUTH FORK	ORU0898	CEDAR CREEK	S				45 27.0	122 7.5	7.0	61.0	110.0	110.0	12.0	0.0	0.0
	NPP2789														
SOUTH FORK	ORU0899	SALMON RIVER	M				45 16.8	121 56.0	79.0	320.0	200.0	200.0	0.0	0.0	0.0
	NPP2790														
SWIMMING HOLE-SANDY RIVER	ORU0902	SANDY RIVER	M				45 27.0	122 14.0	480.0	2356.0	90.0	90.0	0.0	0.0	0.0
	NPP2793														
NOY BRANCH	ORU0920	SANDY RIVER	M				44 28.2	121 46.0	7.0	40.0	1000.0	0.0	0.0	0.0	0.0
	NPP2767														

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LEGEND  
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(2) - PROJECT PURPOSES: I=IRRIGATION, M=HYDROELECTRIC, C=CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=POND, O=OUTLET  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - ESTIMATED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PURPOSE (2)	OWNER	LATITUDE (DN.M)	LONGITUDE (DN.M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (KW)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: CLATSOP													
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SP													
LAKE OSWEGO DAM	0R00237	OSWEGO CREEK	M	LAKE OSWEGO CORPORATION	45 24.7	122 39.9	11200.0	1480.	22.	26.	7.	40.E	1.7
	NPP0056											5.65E	25.6
BULL RUN DAM NUMBER 2	0R00317	BULL RUN RIVER	S	CITY OF PORTLAND	45 26.9	122 8.6	102.0	620.	553.	110.	21.	0.	0.
	NPP0057			LAND								36.06E	161.9
BETTY JANE DEARDORFF	0R00497	LITTLE COAL CREEK	D	WILLAND DEARDORFF	45 0.	122 32.8	2.0	7.	49.	58.	1.	0.	0.
	NPP0058											0.66E	.3
LAKE ROSLYN DAM (BULL RUN)	0R00543	SANDY R. OFFSTREAM	M	PORTLAND GEN. CO. REAL ESTATE	45 25.4	122 14.5	0.	1490.	321.	40.	2.	21.00E	141.0
	NPP0059											0.	0.
FROG LAKE DAM (AK GROVE DIVERSITY)	0R00544	CLACKAMAS RIVER	M	PORTLAND GEN. CO. REAL ESTATE	45 5.4	122 3.1	131.0	525.	55.	65.	0.	51.00E	245.0
	NPP0060											0.	0.
TIMOTHY LAKE DAM	0R00545	WAK GROVE FURN	M	PORTLAND GEN. CO. REAL ESTATE	45 6.6	121 48.3	54.0	116.	97.	100.	81.	0.	0.
	NPP0061											3.35E	15.0
NORTH FORK DAM	0R00550	CLACKAMAS RIVER	M	PORTLAND GEN. CO. REAL ESTATE	45 14.5	122 16.9	665.0	2675.	133.	145.	21.	38.40E	213.0
	NPP0062											19.09E	22.7
FARADAY DAM	0R00551	CLACKAMAS RIVER	M	PORTLAND GEN. CO. REAL ESTATE	45 16.1	122 19.1	665.0	2675.	130.	66.	1.	34.50E	180.0
	NPP0063											0.	0.
RIVER MILL DAM	0R00552	CLACKAMAS RIVER	M	PORTLAND GEN. CO. REAL ESTATE	45 18.0	122 21.2	671.0	2700.	81.	78.	12.	19.05E	104.5
	NPP0064											15.63E	39.8
WILLAMETTE FALLS DAM (OREGON CITY)	0R00596	WILLAMETTE RIVER	M	PUBLISHERS PAPER CO.	45 21.0	122 36.8	10100.0	30750.	45.	30.	0.	1.50E	6.9
	NPP0065											208.80E	914.3
COUNTY NAME: CLATSOP													
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SP													
N=1	0R00124	NEHALEM RIVER	M		45 52.0	123 34.0	498.0	1808.	74.	100.	300.	0.	0.
	NPP0066											27.00E	120.0
LEGEND													

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, SNOWMELT, SWATER SUPPLY, RECREATION, ORDERED CONTROL, PEARL POND, OTHER  
(3) - E-INSTALLED CAPACITY AND ENERGY NEM-INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U-INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY (3)
COUNTY NAME: CLATSOP												
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF												
N-2	ORU0125 NPP0067	NEHALEM RIVER	WICH		45 50.5 123 35.0		535.0	1946.	111.	150.	400.	0. EU 44,000 198.0
N-4 SALMONBERRY	ORU0126 NPP0068	NEHALEM RIVER	MCIN		45 45.5 123 36.0		573.0	2018.	285.	395.	2500.	0. EU 121,000 531.0
ELSIE (PLAN A)	ORU0272 NPP0069	NEHALEM RIVER	WM		45 51.5 123 33.0		498.0	1575.	205.	205.	1500.	0. EU 25,000 130.0
ELSIE (PLAN B)	ORU0273 NPP0070	NEHALEM RIVER	WM		45 51.5 123 33.0		498.0	1575.	600.	205.	1500.	0. EU 280,000 468.0
ELSIE/FISHMAN	ORU0274 NPP0071	NEHALEM RIVER/FISHMAN CREEK	MCIN		45 51.5 123 33.0		509.0	1605.	800.	205.	1500.	0. EU 420,000 665.8
SALMONBERRY	ORU0394 NPP0072	NEHALEM RIVER	WM		45 45.5 123 36.5		573.0	2018.	100.	100.	16.	0. EU 20,000 88.9
SPRUCE RUN	ORU0393 NPP0073	NEHALEM RIVER	WM		45 48.0 123 36.0		549.0	1877.	64.	90.	30.	0. EU 17,000 73.0
SQUAN CREEK	ORU0394 NPP0074	NEHALEM RIVER	WM		45 58.0 123 28.0		398.0	1098.	119.	150.	700.	0. EU 25,000 110.0
GODS VALLEY	ORU0633 NPP0075	NORTH FORK NEHALEM RIVER	WM		45 48.0 123 47.5		45.0	303.	340.	160.	75.	0. EU 15,700 68.6
BIG CREEK	ORU0805 NPP2691	BIG CREEK	WS		46 4.8 123 31.0		23.0	120.	60.	60.	2.	0. EU 1,100 4.8
MECANICUM	ORU0876 NPP2746	MECANICUM RIVER	WM		45 54.0 123 51.0		25.0	96.	240.	0.	0.	0. EU 3,500 15.3
BEAR CREEK DAM	ORU0449 NPP0076	BEAR CREEK	WS	CITY OF ASTORIA	46 7.1 123 36.4		3.0	17.	89.	89.	1.	0. EU 200 0.5

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OCEANIC CONTROL, P=PANAMA CANAL, G=GEOTHERMAL  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT	NAME OF STREAM	CH RIVER	PROJ#	NUMER	WATER	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)						(2)		ANNUAL	POWER	OF	STORAGE	(MWh)	(GWh)
									INFLU	HEAD	DAM	(1000	(3)	(3)
									(CFS)	(FT)	(AC FT)			
COUNTY NAME: CLATSOP														
THIEF VALLEY DAM	ORU0592	POWDER RIVER	I	U01	US8W		45 9	760.0	139	43	58	26.5E	0.4E	0.
	NP04008						117 46.7						1.45N	3.7
COUNTY NAME: COLUMBIA														
ROCKY POINT CLEA	ORU0069	NEHALEM RIVER	HC1SD				45 48.0	70.0	236	130	133	114.0U	0.4U	0.
R CREEK	NP00077						123 14.0						4.50N	19.8
COUNTY NAME: COOS														
ROCK CREEK	ORU0068	ROCK CREEK	CIR				42 58.0	37.0	146	61	82	8.0U	0.4U	0.
	NP00078						123 58.0						1.61N	8.0
ASH SWAMP	ORU0073	SOUTH FORK COQUIAM					42 47.0	29.0	108	118	160	62.0U	0.4U	0.
	NP00079	LLE RIVER					124 3.0						2.60N	11.5
PANTHER CREEK	ORU0220	MIDDLE FORK COQUIAM					42 58.0	47.0	115	620	0	0.0U	0.4U	0.
	NP00080	LLE RIVER					123 50.0						10.80N	47.5
DELLWOOD	ORU0270	SOUTH FORK COUS	H				43 22.0	210.0	1210	410	0	0.0U	0.4U	0.
	NP2629	RIVER					123 57.0						137.00N	230.2
FAIRVIEW	ORU0278	NORTH FORK COQUIAM					43 8.0	143.0	483	148	200	800.0U	0.4U	0.
	NP00082	LLE RIVER					124 7.0						14.70N	64.3
ALLEGANY	ORU0282	MILLICOMA RIVER	HC1SD				43 25.0	138.0	815	249	0	0.0U	0.4U	0.
	NP00083						124 2.5						54.68N	99.9
SOUTH FORK COQUIAM	ORU0284	SOUTH FORK COQUIAM					42 46.5	22.0	87	23	31	2.0U	0.4U	0.
LLE RIVER	NP00084	LLE RIVER					124 4.0						.41N	1.8
TIOGA CREEK	ORU0290	TIOGA CREEK	R				43 15.5	14.0	53	54	73	1.0U	0.4U	0.
	NP00085						123 50.0						.58N	2.6

LEGEND

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D=DEBRIS CONTROL, P=PAVEMENT, G=GEOTHERM  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - ESTIMATED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT #	NAME OF STREAM	PRUJ#	OWNER	LONGITUDE (NAD 83)	AREA (SQ MI)	ANNUAL INFLW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (MWH)	PERCENT DEVELOPED
W FORK MILL CREEK	0800303	WEST FORK MILL CREEK	SCH		45 32.5	16.0	73.0	64.0	0.0	0.0	0.0
RIVER LOWER GOU	0800086	OMA RIVER			123 58.0				0.0	0.0	0.0
MALL CREEK	0800305	MALL CREEK	ICH		43 4.5	7.0	17.0	41.0	0.0	0.0	0.0
MYRTLE CREEK	0800336	MYRTLE CREEK	IR		124 14.0				0.0	0.0	0.0
MYRTLE CREEK	0800088				43 0.0	70.0	185.0	37.0	0.0	0.0	0.0
TIIGA (FALL CREEK)	0800407	SOUTH FORK CREEK	CH		124 0.0				0.0	0.0	0.0
TIIGA FORK	0800408	SOUTH FORK CREEK	CH		43 21.2	191.0	966.0	232.0	0.0	0.0	0.0
WHOBREY MOUNTAIN	0800420	SOUTH FORK CREEK	CH		123 49.6				0.0	0.0	0.0
BALD HILL	0800427	NORTH FORK CREEK	CH		43 19.0	164.0	943.0	300.0	0.0	0.0	0.0
BRENNER VALLEY	0800429	EAST FORK CREEK	CH		123 49.0				0.0	0.0	0.0
(DIVERSION)	0800430	EAST FORK CREEK	CH		42 58.0	214.0	975.0	150.0	0.0	0.0	0.0
BRENNER VALLEY	0800430	EAST FORK CREEK	CH		124 7.0				0.0	0.0	0.0
SITCUM LOWER	0800431	EAST FORK CREEK	CH		43 4.5	284.0	945.0	140.0	0.0	0.0	0.0
SUGARLOAF MOUNTAIN	0800432	MIDDLE FORK CREEK	CH		124 6.0				0.0	0.0	0.0
IN	0800433	NORTH FORK CREEK	CH		43 9.0	63.0	235.0	490.0	0.0	0.0	0.0
ALDER	0800434	NORTH FORK CREEK	CH		123 55.5				0.0	0.0	0.0
BEAR CREEK	0800435	BEAR CREEK	CH		43 9.0	79.0	279.0	96.0	0.0	0.0	0.0
BEAR CREEK	0800436	BEAR CREEK	CH		123 55.5				0.0	0.0	0.0
BEAR CREEK	0800437	BEAR CREEK	CH		43 1.0	305.0	745.0	160.0	0.0	0.0	0.0
BEAR CREEK	0800438	BEAR CREEK	CH		124 5.0				0.0	0.0	0.0
BEAR CREEK	0800439	BEAR CREEK	CH		43 36.0	4.0	13.0	37.0	0.0	0.0	0.0
BEAR CREEK	0800440	BEAR CREEK	CH		124 6.5				0.0	0.0	0.0
BEAR CREEK	0800441	BEAR CREEK	CH		43 7.0	22.0	54.0	21.0	0.0	0.0	0.0
BEAR CREEK	0800442	BEAR CREEK	CH		124 21.0				0.0	0.0	0.0

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D=DEBRIS CONTROL, P=PAVING, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: U=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)  
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( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJECT PURPOSE (2)	OWNER	LATITUDE (DM.M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER (KW)	NET HEIGHT OF STORAGE DAM (FT)	CAPACITY (1000 MW)	ENERGY (3)
COUNTY NAME: COOS											
FERC POWER SUPPLY AREA 45   FERC REGIONAL OFFICE CODE SP											
BIG CREEK UPPER	DRU0467	DIG CREEK	CIR		43 5.5	0.0	20.	64.	86.	1.0	0.0
	NPP0098				123 55.0						.26
WILL CREEK	DRU0469	BILL CREEK	CIR		43 5.0	6.0	16.	41.	56.	1.0	0.0
	NPP0099				124 21.0						.14
BRADLEY LAKE	DRU0475	CHINA CREEK	CIR		43 4.0	4.0	10.	23.	31.	2.0	0.0
	NPP0100				124 25.5						.05
CAMAS CREEK	DRU0480	CAMAS CREEK	CIR		43 7.0	0.0	14.	57.	77.	2.0	0.0
	NPP0101				123 46.5						.41
COALEDO	DRU0486	BEAVER CREEK	CIR		43 13.5	4.0	11.	23.	31.	2.0	0.0
	NPP0102				124 14.0						.05
CROOKED CREEK	DRU0490	CROOKED CREEK	M		43 4.5	2.0	7.	32.	43.	1.0	0.0
	NPP0103				124 25.0						.05
DANIELS CREEK	DRU0494	DANIELS CREEK	CIR		43 18.0	4.0	18.	41.	56.	2.0	0.0
	NPP0104				124 6.0						.15
DEMENT CREEK	DRU0496	DEMENT CREEK	CIR		42 56.5	6.0	31.	39.	53.	1.0	0.0
	NPP0105				124 11.0						.25
EAST FORK MILLIC	DRU0503	EAST FORK MILLIC	CIR		43 25.0	0.0	30.	64.	86.	4.0	0.0
OMA RIVER	NPP0106	OMA RIVER			123 50.0						.39
ELK CREEK	DRU0504	ELK CREEK	CIR		43 33.0	4.0	17.	57.	77.	3.0	0.0
	NPP0107				123 56.5						.19
ELK CREEK UPPER	DRU0505	ELK CREEK	CIR		43 7.0	13.0	35.	33.	44.	2.0	0.0
	NPP0108				123 59.0						.23
FRUIN CREEK	DRU0507	FRUIN NORTH FORK			43 18.0	3.0	12.	44.	59.	1.0	0.0
	NPP0109	COQUILLE			123 57.0						.11

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION, DEBRIS CONTROL, POND, OTHER  
(3) - INSTALLED CAPACITY AND ENERGY   NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
      TOTAL POTENTIAL CAPACITY AND ENERGY        (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PRJ#	PURP#	OWNER	LATITUDE (DN,M)	LONGITUDE (DN,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHTS OF DAM (FT)	STORAGE CAPACITY (AC FT)	MAXIMUM ENERGY (MWH)	ESTIMATED ENERGY (MWH)
COUNTY NAME: COOS														
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE SP														
FOURMILE CREEK	*DRU0508*	FOURMILE CREEK	*CIN			*43 0.	*124 24.5	*15.0*	*60.*	*55.*	*75.*	*7.0U	*0.0U	*0.0
	*NPP0110*											*.68T	*3.0	
FALLS	*DRU0509*	MATSON CREEK	*CK			*43 28.0	*123 55.0	*12.0*	*48.*	*64.*	*86.*	*9.0U	*0.0U	*0.0
	*NPP0111*											*.63T	*2.7	
GOLDEN FALLS	*DRU0516*	GLENN CREEK	*CK			*43 29.0	*123 55.5	*11.0*	*45.*	*64.*	*86.*	*8.0U	*0.0U	*0.0
	*NPD0001*											*.59T	*2.6	
WARD CREEK	*DRU0577*	WARD CREEK	*CIN			*43 1.5	*124 12.5	*4.0*	*10.*	*53.*	*72.*	*2.0U	*0.0U	*0.0
	*NPP0112*											*.12T	*.5	
WEST FORK MILLIC	*DRU0578*	WEST FORK MILLIC	*CR			*43 34.5	*123 55.5	*6.0*	*32.*	*39.*	*53.*	*2.0U	*0.0U	*0.0
UMA RIVER UPPER	*NPP0113*	UMA RIVER										*.26T	*1.1	
EDEN RIDGE	*DRU0648*	SOUTH FORK COQUIH	*H			*42 45.5	*123 59.0	*31.0*	*140.*	*1760.*	*210.*	*115.0U	*0.0U	*0.0
	*NPP0114*	SALLE RIVER										*23.15T	*45.6	
POWERS	*DRU0666*	SOUTH FORK COQUIH	*H			*42 52.5	*124 4.0	*124.0*	*565.*	*320.*	*0.*	*0.0U	*0.0U	*0.0
	*NPP0115*	SALLE RIVER										*63.18T	*115.3	
12 RC NO 6A	*DRU0700*	EAST FORK COQUIH	*H			*43 9.0	*123 57.0	*85.0*	*235.*	*400.*	*0.*	*0.0U	*0.0U	*0.0
	*NPP0116*	SALLE RIVER										*7.40T	*60.0	
CEDAR CREEK	*DRU0812*	WILLIAMS RIVER	*H			*43 19.2	*123 46.5	*98.0*	*552.*	*100.*	*100.*	*0.0U	*0.0U	*0.0
	*NPP2699*											*8.40T	*36.8	
COAL CREEK	*DRU0813*	SOUTH FORK COQUIH	*H			*42 47.4	*124 1.5	*93.0*	*514.*	*210.*	*0.*	*0.0U	*0.0U	*0.0
	*NPP2700*	SALLE RIVER										*30.92T	*56.7	
IVERS PEAK	*DRU0848*	EAST FORK MILLIC	*H			*43 26.4	*123 58.0	*67.0*	*166.*	*340.*	*0.*	*0.0U	*0.0U	*0.0
	*NPP2717*	UMA RIVER										*9.80T	*43.1	
LAVERNE, LOWER	*DRU0857*	NORTH FORK COQUIH	*H			*43 15.0	*124 2.0	*40.0*	*130.*	*125.*	*125.*	*0.0U	*0.0U	*0.0
	*NPP2737*	SALLE RIVER										*1.08T	*4.0	
L E G E N D														

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, MINERALS, SWAMP SUPPLY, RECREATION,  
DRAINAGE CONTROL, P&FARM POND, DRAINAGE  
(3) - ESTIMATED CAPACITY AND ENERGY  
(3) - UNINSTALLED CAPACITY AND ENERGY  
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNDEVELOPED SITES



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID NUMBER	NAME OF STREAM	CR RIVER	PURPOSE	OWNER	LATITUDE	DRAINAGE AREA	LONGITUDE	AVERAGE ANNUAL POWER	NET HEIGHT	MAXIMUM OF STORAGE	CAPACITY	ENERGY
	(1)			(2)		(DM, M)	(SQ MI)	(DM, M)	(CF8)	(FT)	(AC FT)	(3)	(3)
COUNTY NAMES: COOS													
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 8F													
LAVERNE, UPPER	ORU0858	NORTH FORK COQUIL				43 18.6	23.0	77.0	160.0	0.0	0.0	0.0	0.0
	NPP2738	LE RIVER				124 5.0						2.53	8.5
LOCKHART	ORU0860	SOUTH FORK COQUIL				42 44.4	42.0	165.0	125.0	0.0	0.0	0.0	0.0
	NPP2740	LE RIVER				124 1.0						1.87	4.2
LOWER FLASH DAM	ORU0864	SOUTH FORK COOS				43 21.0	207.0	1050.0	100.0	0.0	0.0	0.0	0.0
	NPP2744	RIVER				123 54.5						16.00	69.9
MOON CREEK	ORU0870	NORTH FORK COQUIL				43 16.2	39.0	130.0	250.0	0.0	0.0	0.0	0.0
	NPP2725	LE RIVER				124 1.0						2.23	6.7
MYRTLE CREEK, UPPER	ORU0873	ROCK CREEK				42 57.6	33.0	130.0	115.0	0.0	0.0	0.0	0.0
	NPP2728					123 57.0						2.30	10.0
MYRTLE POINT	ORU0874	COQUILLE RIVER				43 4.8	887.0	2560.0	50.0	50.0	130.0	0.0	0.0
	NPP2729					124 8.0						19.50	85.2
SITCUM, UPPER	ORU0896	EAST FORK COQUIL				43 7.8	52.0	182.0	182.0	0.0	0.0	0.0	0.0
	NPP2774	LE RIVER				123 52.0						5.00	22.1
TIDENATER	ORU0906	SOUTH FORK COOS				43 22.2	212.0	1070.0	50.0	50.0	0.0	0.0	0.0
	NPP2759	RIVER				124 57.0						8.10	35.6
WEEKLY CREEK	ORU0915	EAST FORK COQUIL				43 7.2	140.0	400.0	120.0	120.0	0.0	0.0	0.0
	NPP2762	LE RIVER				124 2.4						7.30	32.0
UPPER PONY CREEK	ORU0920	PONY CREEK				43 22.8	20.0	117.0	31.0	36.0	2.0	0.0	0.0
	NPP0117					124 14.4						0.0	2.0
COUNTY NAMES: CROOK													
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 8F													
BIG PRAIRIE 816	ORU0968	N FK CROOKED RIV				44 20.0	158.0	66.0	39.0	46.0	40.0	0.0	0.0
	NPP0118	ER				120 7.0						0.0	2.0
SUMMIT													
L E G E N D													

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, P&FARM POND, D&OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - ESTIMATED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (NAD 83)	LONGITUDE (WAD 83)	AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	MAXIMUM STORAGE CAPACITY (MM)	ENERGY (KWH)
COUNTY NAME: CROOK											
PERC POWER SUPPLY AREA 44 PERC REGIONAL OFFICE CODE 3F											
PIR TREE	ORU0029	NORTH FORK CROOK RIVER	CI	USBR	44 16.2	120 6.0	242.0	115.0	215.0	0.0	0.0
	NPP2677	ED RIVER									
POST	ORU0089	CROOKED RIVER	CI	USBR	44 6.0	120 15.5	2160.0	337.0	100.0	250.0	0.0
	NPP2801										
OCHOCO DAM	ORU0098	OCHOCO CREEK	IC	USBR	44 17.9	120 43.5	300.0	60.0	130.0	54.0	0.0
	NPP0119										
ALLEN CREEK DAM	ORU0313	ALLEN CREEK	IC	USBR	44 23.0	120 9.9	11.0	16.0	61.0	72.0	0.0
	NPP0120										
ARTHUR R BOWMAN (PRINEVILLE RES)	ORU00579	CROOKED RIVER	IC	USBR	44 6.0	120 46.8	2700.0	370.0	136.0	235.0	0.0
	NPP0121										
COUNTY NAME: CURRY											
PERC POWER SUPPLY AREA 45 PERC REGIONAL OFFICE CODE 3F											
EVERY RANCH	ORU0076	SIXES RIVER	CI	USBR	42 46.0	124 14.5	39.0	162.0	81.0	110.0	0.0
	NPP0122										
GOLD BEACH	ORU0088	ROGUE RIVER	MCNIO		42 27.5	124 22.5	5145.0	11000.0	61.0	0.0	0.0
	NPP0123										
NORTH FORK FLORA S CREEK LOWER	ORU0129	NORTH FORK FLORA S CREEK	CI	USBR	42 55.0	124 20.0	42.0	171.0	41.0	55.0	0.0
	NPP0124										
BOULDER CREEK	ORU0148	CHETCO RIVER	H		42 17.0	124 3.0	157.0	860.0	400.0	0.0	0.0
	NPP0125										
PISTOL	ORU0223	PISTOL RIVER	H		42 16.5	124 20.0	98.0	540.0	200.0	0.0	0.0
	NPP0126										
REDWOOD	ORU0227	CHETCO RIVER	H		42 10.0	124 8.0	264.0	1450.0	312.0	322.0	0.0
	NPP0127										
L E G E N D											

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PEAK FLOW, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT	NAME OF STREAM	PROJ	NUMBER	CR RIVER	PURP	OWNER	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
				(1)		(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
COUNTY NAME: CURRY															
COPPER CANYON	ORU0266	ROGUE RIVER	H					42 33.0	4975.0	10500	450	450	0	0	0
	NPP0128							124 6.5					550.75	12017.4	
CREW CANYON	ORU0268	EUCHRE CREEK	CIR					42 34.0	21.0	84	64	86	5	0	0
	NPP0129							124 21.5					1.10	4.8	
FLORAS CREEK	ORU0241	FLORAS CREEK	CIR					42 55.5	50.0	204	51	69	2	0	0
	NPP0130							124 22.5					1.98	5.8	
GUERIN CREEK	ORU0304	NORTH FORK FLORAS CREEK	CIR					42 56.5	25.0	102	43	58	3	0	0
	NPP0131							124 19.5					.90	3.9	
JACK CREEK	ORU0313	JACK CREEK	CIR					42 3.0	9.0	35	43	58	4	0	0
	NPP0132							124 13.0					.31	1.4	
NORTH FORK CHETCO RIVER	ORU0336	NORTH FORK CHETCO RIVER	CIR					42 11.0	2.0	10	52	71	1	0	0
	NPP0133							124 17.5					.11	.5	
NORTH FORK FLORAS CREEK	ORU0339	NORTH FORK FLORAS CREEK	CIR					42 57.5	6.0	26	44	59	1	0	0
	NPP0134							124 20.0					.47	2.1	
NORTH FORK FLORAS CREEK	ORU0340	NORTH FORK FLORAS CREEK	CIR					42 58.0	2.0	9	55	74	1	0	0
	NPP0135							124 18.0					.10	.5	
NORTH FORK SIXES RIVER	ORU0342	NORTH FORK SIXES RIVER	CIR					42 52.0	7.0	29	53	72	4	0	0
	NPP0136							124 13.0					.31	1.4	
SECTION 30	ORU0357	EAST FORK FLORAS CREEK	CIR					42 56.5	12.0	49	47	63	1	0	0
	NPP0137							124 17.0					.47	2.1	
WINCHUCK RIVER	ORU0422	WINCHUCK RIVER	CIR					42 1.0	21.0	86	62	84	7	0	0
	NPP0138							124 7.0					1.10	4.8	
BEAVER CREEK	ORU0428	SIXES RIVER	CIR					42 48.5	116.0	550	140	0	0	0	0
	NPP0139							124 28.0					25.88	47.2	

\*\*\*\*\*  
LEGEND  
\*\*\*\*\*  
(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, COLD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
(3) - E=INSTALLED CAPACITY AND ENERGY NENW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY TSTOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PUMP (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (3) (GWH)	ENERGY (3)
COUNTY NAME: CURRY													
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE SF													
ELEPHANT ROCK	ORU0431	SIXES RIVER	H		42 47.0		65.0	310	160	0	0	0	0
	NPP0140				124 21.0							7.50	33.0
SLATE CREEK	ORU0442	ELK RIVER	H		42 42.0		45.0	245	500	200	0	0	0
	NPP0141				124 19.0							18.62	81.6
DEVILS STAIRS	ORU0449	ROQUE RIVER	H		42 32.0		3900.0	6275	150	0	0	0	0
	NPP0142				124 6.5							135.51	520.4
LANGLOIS	ORU0453	FLORAS CREEK	H		42 54.5		51.0	220	360	160	32	0	0
	NPP0143				124 24.5							12.04	52.7
BUTLER CREEK	ORU0476	BUTLER CREEK	H		42 44.0		4.0	16	56	76	1	0	0
	NPP0144				124 16.0							.18	.8
EAST FORK FLORAS CREEK	ORU0501	EAST FORK FLORAS CREEK	H		42 55.0		7.0	30	64	86	5	0	0
	NPP0145				124 15.0							.39	1.7
FOURTH OF JULY CREEK	ORU0514	FOURTH OF JULY CREEK	H		42 3.0		8.0	31	64	86	1	0	0
	NPP0146				124 5.0							.41	1.8
WHEELER CREEK	ORU0584	WHEELER CREEK	H		42 3.0		8.0	35	52	70	1	0	0
	NPP0147				124 8.0							.37	1.6
CHETCO RIVER	ORU0633	CHETCO RIVER	H		42 14.8		174.0	860	230	0	0	0	0
	NPP0148				124 7.5							43.00	70.0
CHETCO RIVER	ORU0634	CHETCO RIVER	H		42 4.0		346.0	1900	201	201	490	0	0
	NPP0149				124 13.0							142.35	273.1
CHETCO RIVER	ORU0635	CHETCO RIVER	H		42 18.0		92.0	860	325	85	0	0	0
	NPP0150				124 6.0							42.00	78.8
CHETCO RIVER	ORU0636	CHETCO RIVER	H		42 3.0		346.0	1900	325	201	490	0	0
	NPP0151				124 18.0							115.00	262.8

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, ORDERED CONTROL, REFORM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - ESTIMATED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CH RIVER	PNOJ	PURP	OWNER	LATITUDE	LONGITUDE	AREA	ANNUAL INFLW	NET HEAD	HEIGHT OF DAM	STORAGE	CAPACITY	ENERGY
	(1)				(2)		(DM,M)	(SU MI)	(CFS)	(FT)	(FT)	(AC FT)	(MM)	(3)	(GWH)
COUNTY NAME: CURRY															
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE SF															
ILLINOIS RIVER	ORU0659	ILLINOIS RIVER		USMNC	COUS-CURRY	E	42 30.5		945.0	4300.	436.	590.	1028.	0.	0.
ROJECT-MAIN DAM	NPP0152			LEC-CQ-CP			124 2.0						844.40	1620.1	
ILLINOIS RIVER	ORU0660	ILLINOIS RIVER		COUS-CURRY	E		42 32.2		988.0	4249.	20.	20.	0.	0.	0.
ROJECT-REREGULAT	NPP0153			LEC-CQ-CP			124 3.0						4.04	17.1	
ELK RIVER, INTER	ORU0825	ELK RIVER					42 42.6		54.0	294.	100.	100.	0.	0.	0.
MEDIATE	NPP2684						124 22.0						2.66	9.9	
ELK RIVER, LOWER	ORU0826	ELK RIVER					42 45.6		79.0	452.	155.	0.	0.	0.	0.
	NPP2703						124 27.0						4.39	16.7	
WINCHUCK	ORU0918	WINCHUCK RIVER					42 5.0		54.0	270.	170.	0.	0.	0.	0.
	NPP2765						124 5.0						7.00	30.6	
ELK RIVER, UPPER	ORU0922	ELK RIVER					42 42.6		25.0	136.	290.	0.	0.	0.	0.
	NPP2777						124 17.5						3.13	9.2	
COUNTY NAME: DESCHUTES															
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF															
CLINE FALLS	ORP0013	DESCHUTES RIVER		IM	PACIFIC POWER		44 15.0		2080.0	480.	270.	0.	0.	1.00	5.3
	NPP0154			R AND LIGHT			121 14.5						19.70	86.3	
BENHAM FALLS	ORU0081	DESCHUTES RIVER		IMH			43 56.0		1739.0	1290.	100.	145.	443.	0.	0.
	NPP0155						121 24.0						6.86	30.6	
LAVA ISLAND	ORU0110	DESCHUTES RIVER		IM			43 59.5		1759.0	1290.	225.	0.	0.	0.	0.
	NPP0156						121 22.5						19.82	75.4	
CENTRAL CANAL	ORU0264	DESCHUTES RIVER		IM			44 2.5		1835.0	575.	150.	0.	0.	0.	0.
	NPP0157						121 20.0						13.62	52.3	
DILLION FALLS	LO-ORU0605	DESCHUTES RIVER		IM			43 58.2		1759.0	1290.	65.	0.	0.	0.	0.
	NPP0158						121 24.8						4.53	20.0	
LEGEND															

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OTHER CONTROL, P=POWER, F=FERROUS, G=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)





( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT * NUMMER * (1)	NAME OF STREAM * CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * AREA * (SQ MI)	*AVERAGE * ANNUAL * INFLOW * (CFS)	*NET * HEIGHT * OF * HEAD * (FT)	*CAPACITY * STORAGE * (MW)	*ENERGY * (GWH)	*CAPACITY * STORAGE * (MW)	*ENERGY * (GWH)
COUNTY NAME: DOUGLAS												
FERC POWER SUPPLY AREA 45   FERC REGIONAL OFFICE CODE SF												
KELLYS-SWITH FERRIS	ORU0106	UMPQUA RIVER	M		43 35.5	3683.0	7430.0	185.0	220.0	40.0	0.0	0.0
NY	NPP0169				123 35.0						388.19	905.4
LOON LAKE DIVERS	ORU0113	MILL CREEK/LAKE	M		43 37.0	89.0	310.0	385.0	70.0	100.0	0.0	0.0
ION	NPP0170	CHEEK			123 50.0						6.50	55.9
OAK CREEK	ORU0130	NORTH UMPQUA RIVER	M		43 19.0	1295.0	3330.0	145.0	215.0	28.0	0.0	0.0
	NPP0171	ER			123 18.0						112.51	208.8
PERDUE RESERVOIR	ORU0136	SOUTH UMPQUA RIVER	M		42 55.5	639.0	1420.0	150.0	0.0	0.0	0.0	0.0
	NPP0172	ER			123 3.0						66.29	142.7
BOULDER CREEK	ORU0150	SOUTH UMPQUA RIVER	M		43 3.0	90.0	240.0	200.0	0.0	0.0	0.0	0.0
	NPP0173	ER			122 46.0						3.30	14.4
GLIDE	ORU0161	NORTH UMPQUA RIVER	M		43 19.5	1200.0	2280.0	60.0	60.0	14.0	0.0	0.0
	NPP0174	ER			123 1.0						43.14	78.5
12 RB NUMBER 1	ORU0168	SMITH RIVER	M		43 47.0	35.0	85.0	320.0	50.0	40.0	0.0	0.0
	NPP0175				123 27.5						5.40	28.0
DIAMOND LAKE	ORU0173	LAKE CREEK	M		43 11.5	55.0	53.0	1035.0	0.0	0.0	0.0	0.0
	NPP0176				122 9.5						8.30	36.5
DAYS CREEK (CORP. OF ENGINEERS)	ORU0188	SOUTH UMPQUA RIVER	M		42 57.0	640.0	1291.0	210.0	254.0	480.0	0.0	0.0
	NPP0177	ER			123 10.0						92.95	200.1
MILL CREEK	ORU0214	MILL CREEK	M		43 37.1	128.0	450.0	75.0	0.0	0.0	0.0	0.0
	NPP0178				123 51.0						5.00	22.3
MIDDLE DIVERSION	ORU0228	SOUTH UMPQUA RIVER	M		42 57.0	730.0	0.0	125.0	0.0	0.0	0.0	0.0
	NPP0179	ER			123 20.0						5.80	44.0
SALMONBERRY	ORU0232	SMITH RIVER	M		43 48.0	34.0	85.0	160.0	0.0	0.0	0.0	0.0
	NPP0180				123 37.0						2.00	9.1

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DERRIS CONTROL, PEFARM POND, DROTHER  
(3) - ESTIMATED CAPACITY AND ENERGY    NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY    TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF DAM (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH) (3)
COUNTY NAME: DOUGLAS													
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3F													
BOUNDARY	ORU0256	NORTH UMPQUA RIVER	CIR		43 18.5	122 50.5	859.0	2210	187	230	63	0	0
	NPP0181	ER										44.00	216.0
CANAS VALLEY	ORU0261	MIDDLE FORK COQUILDE RIVER	CIR		43 3.0	123 43.0	47.0	115	59	80	70	0	0
	NPP0182	ILLE RIVER										8.00	43.8
COPELAND DIVERSITY	ORU0263	NORTH UMPQUA RIVER	CIR		43 17.5	122 37.0	650.0	1780	290	215	25	0	0
ON	NPP0183	ER										93.74	366.4
UDP DRU0302	ORU0302	FIVEMILE CREEK	CIR		43 51.0	124 1.0	7.0	36	15	20	1	0	0
	NPP0184											.08	.4
MIDDLE FORK COQUILDE RIVER	ORU0330	MIDDLE FORK COQUILDE RIVER	CIR		43 4.5	123 42.0	6.0	13	81	110	17	0	0
ILLE RIVER	NPP0185	ILLE RIVER										.23	1.0
SAWMILL	ORU0345	WIRTH RIVER	CIR		43 46.5	123 58.0	330.0	750	250	0	0	0	0
	NPP0186											28.50	125.0
SCOTTSBURG	ORU0348	UMPQUA RIVER	CIR		43 39.5	123 48.5	4100.0	8530	95	100	15	0	0
	NPP0187											221.91	519.8
STEAMBOAT	ORU0395	NORTH UMPQUA RIVER	CIR		43 20.0	122 42.0	585.0	2000	190	190	19	0	0
	NPP0188	ER										54.59	215.4
TILLER	ORU0406	SOUTH UMPQUA RIVER	CIR		42 56.0	122 56.0	446.0	1050	285	380	600	0	0
	NPP0189	ER										117.21	252.3
IRON MOUNTAIN	ORU0433	COU CREEK	CIR		42 54.0	123 32.0	426.0	900	150	160	60	0	0
	NPP0190											44.19	95.1
BIG CREEK LOWER	ORU0466	BIG CREEK	CIR		43 4.0	123 56.5	5.0	14	49	66	2	0	0
	NPP0191											.14	.6
BOULDER CREEK	ORU0474	BOULDER CREEK	CIR		42 57.0	123 40.0	7.0	15	41	56	2	0	0
	NPP0192											.13	.6

LEGEND

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- (2) - PROJECT PUMPSET IRRIGATION, HYDROELECTRIC, CRAFTSMANSHIP, NAVIGATION, WATER SUPPLY, RECREATION, DEFENSE CONTROL, PEPART, POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - ESTIMATED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PURPOSE (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	AREA (SQ MI)	ANNUAL (CFS)	INFLUX (FT)	HEAD (FT)	DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (1000 AC FT)	ENERGY (1000 KWH)
COUNTY NAME: DOUGLAS														
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 9F														
SOUTH UMPQUA FAL LS	ORU0540	SOUTH UMPQUA RIVER			43 2.5	122 42.0	83.0	200.0	400.0	0.0	0.0	0.0	0.0	0.0
	NPP0193													17.1
BRADLEY CREEK	ORU0627	BRADLEY CREEK IN			43 18.5	122 6.0	41.0	90.0	310.0	0.0	0.0	0.0	0.0	0.0
	NPP0194	UMPQUA RIVER												19.1
DAMWOODS	ORU0641	SMITH RIVER			43 45.5	123 36.5	78.0	180.0	175.0	0.0	0.0	0.0	0.0	0.0
	NPP0195													14.2
DIAMOND	ORU0644	ROGUE RIVER			42 57.5	122 24.5	62.0	450.0	110.0	0.0	0.0	0.0	0.0	0.0
	NPP0196													12.9
MAHAKER	ORU0655	ROGUE RIVER			43 1.5	122 22.0	62.0	185.0	160.0	0.0	0.0	0.0	0.0	0.0
	NPP0197													30.2
TILLER DIVERSION	ORU0703	SOUTH UMPQUA RIVER			42 55.8	122 58.5	430.0	1050.0	160.0	0.0	0.0	0.0	0.0	0.0
	NPP0198													102.4
THIN SISTERS	ORU0707	SMITH RIVER			43 49.0	123 41.5	135.0	310.0	215.0	0.0	0.0	0.0	0.0	0.0
	NPP0199													49.5
COFFEE CREEK	ORU0814	SOUTH UMPQUA RIVER			43 56.4	123 0.0	639.0	1400.0	80.0	0.0	0.0	0.0	0.0	0.0
	NPP2701													20.0
DEADMAN CREEK	ORU0820	SOUTH UMPQUA RIVER			42 57.6	122 53.0	446.0	1000.0	175.0	0.0	0.0	0.0	0.0	0.0
	NPP2679													21.0
DILLARD	ORU0821	SOUTH UMPQUA RIVER			43 6.0	123 27.1	1500.0	2800.0	60.0	0.0	0.0	0.0	0.0	0.0
	NPP2680													26.0
FISH LAKE	ORU0830	FISH LAKE CREEK			43 6.0	122 34.5	7.0	20.0	1265.0	45.0	0.0	0.0	0.0	0.0
	NPP2678													16.8
SALESVILLE	ORU0835	CON CREEK			42 51.0	123 10.5	78.0	107.0	260.0	260.0	137.0	0.0	0.0	0.0
	NPP2794													10.7

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
ORDERED CONTROL, PAFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NNEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TATOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	*LATITUDE *LONGITUDE* (DM.M)	*DRAINAGE AREA * (SQ MI)	*AVERAGE ANNUAL *INFLN * (CFS)	*NET HEIGHT * OF * STORAGE * DAM * (FT)	*CAPACITY * (MM)	*ENERGY * (3)
COUNTY NAME: DOUGLAS										
PERC POWER SUPPLY AREA 45 PERC REGIONAL OFFICE CODE 8F										
WINCKEL	*ORU0843*	*CALAPOOYA CREEK	*H		*43 26.4	*48.0	*110.	*250.	*102.0	*0.0
	*NPP2666*				*123 4.7				*3.42	*14.6
HONEYSUCKLE	*ORU0845*	*WEST FORK COM CREEK	*H		*42 48.6	*71.0	*240.	*300.	*70.0	*0.0
	*NPP2668*	*EEL			*123 39.5				*2.71	*11.3
LAKE CREEK DS	*ORU0854*	*LAKE CREEK	*H		*43 30.0	*55.0	*195.	*200.	*0.0	*0.0
	*NPP2734*				*123 48.0				*5.90	*26.0
LAKE CREEK NUMBER 3	*ORU0856*	*LAKE CREEK	*H		*43 15.0	*57.0	*57.	*325.	*0.0	*0.0
	*NPP2736*				*122 9.0				*10.29	*56.4
MYRTLE CREEK	*ORU0872*	*SOUTH UMPQUA RIVER	*H		*43 1.2	*1500.0	*2600.	*70.	*0.0	*0.0
	*NPP2727*	*ER			*123 18.0				*3.90	*28.0
OLLALA CREEK	*ORU0882*	*OLLALA CREEK	*D		*43 1.8	*61.0	*102.	*180.	*0.0	*0.0
	*NPP2752*				*123 32.6				*1.65	*6.3
PERDUE	*ORU0887*	*SOUTH UMPQUA RIVER	*H		*43 0.	*1031.0	*2240.	*100.	*0.0	*0.0
	*NPP2787*	*ER			*123 18.0				*61.78	*112.4
ROSEBURG	*ORU0892*	*SOUTH UMPQUA RIVER	*H		*43 12.6	*1500.0	*2600.	*50.	*0.0	*0.0
	*NPP2769*	*ER			*123 22.5				*3.00	*22.0
12 RB NUMBER 3	*ORU0903*	*SMITH RIVER	*H		*43 42.0	*0.	*0.	*130.	*0.0	*0.0
	*NPP2756*				*124 5.0				*3.00	*13.7
TAKKENITCH LAKE DAM	*ORU0359*	*TAKKENITCH CREEK	*D		*43 48.5	*35.0	*134.	*9.	*17.0	*0.0
	*NPP0200*				*124 9.2				*.20	*.9
COOPER CREEK DAM	*ORU0463*	*COOPER CREEK	*RS		*43 22.7	*3.0	*6.	*63.	*4.0	*0.0
	*NPP0201*				*123 15.9				*.07	*.3
CLEARWATER NUMBER 1 FOREBAY	*ORU0542*	*CLEARWATER RIVER	*H		*43 15.4	*42.0	*0.	*634.	*0.0	*15.00
	*NPP0202*				*122 19.2				*.0	*.0

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DREDGING CONTROL, PESTICIDE CONTROL, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - US-INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CREEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FISH POND, OTHER
- (3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

LEGE NO

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PURPOSE (2)	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLUENCE (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (MMWH) (3)
COUNTY NAME: GRANT										
PICTURE GORGE (DRU0063)	DRU0063	JOHN DAY RIVER	M	44 31.0	1680.0	450.0	255.0	270.0	840.0	0.0
AYVILLE	DRU0214			119 37.0						34.94
FOURMILE	DRU0086	SOUTH FORK JOHN DAY RIVER	ICH	44 25.0	590.0	180.0	350.0	138.0	16.0	0.0
	DRU0215			119 31.5						9.58
HALL HILL	DRU0097	JOHN DAY RIVER	CI	44 22.0	250.0	114.0	76.0	103.0	37.0	0.0
	DRU0216			118 38.0						1.45
HUMPHREY RANCH	DRU0100	JOHN DAY RIVER	M	44 34.5	1991.0	520.0	110.0	110.0	20.0	0.0
	DRU0217			119 38.0						6.94
JOHNSON	DRU0101	MIDDLE FORK JOHN DAY RIVER	M	44 48.0	449.0	200.0	163.0	220.0	61.0	0.0
	DRU0218			118 59.0						6.70
MONUMENT	DRU0122	NORTH FORK JOHN DAY RIVER	ICH	45 37.0	2520.0	914.0	170.0	170.0	177.0	0.0
	DRU0219			120 27.5						37.04
OLIVER RANCH	DRU0132	JOHN DAY RIVER	M	44 25.0	392.0	190.0	175.0	175.0	99.0	0.0
	DRU0220			118 52.0						3.35
CAMP CREEK	DRU0154	NORTH FORK JOHN DAY RIVER	M	44 59.0	249.0	175.0	970.0	0.0	0.0	0.0
	DRU0221			118 47.0						26.00
TWOMILE CANYON	DRU0247	NORTH FORK JOHN DAY RIVER	M	44 55.0	1983.0	700.0	435.0	580.0	2800.0	0.0
	DRU0222			119 19.5						61.70
TWOMILE CANYON/S	DRU0248	NORTH FORK JOHN DAY RIVER	M	44 55.0	4765.0	1740.0	280.0	300.0	1620.0	0.0
PRAY(KIMBERLY)	DRU0223	DAY/JOHN DAY RIVER		119 19.5						174.10
JOHN DAY SOUTH FORK	DRU0315	SOUTH FORK JOHN DAY RIVER	CIR	44 0.0	35.0	12.0	41.0	55.0	3.0	0.0
ORK	DRU0224			119 18.0						1.0
LITTLE MEADOWS	DRU0321	JOHN DAY RIVER	M	44 18.0	10.0	5.0	59.0	80.0	1.0	0.0
	DRU0225			118 33.0						0.0

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) ORDEBIS CONTROL, REFORM PCNO, OTHER  
(3) - INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID	NAME OF STREAM	PRJ#	ORNR	LATITUDE	URINAGE	AREA	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER		PUMP		(DM.M)	(SU MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)	(44)	(44)	(GWH)
	(1)		(2)												
COUNTY NAME: GRANT															
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF															
RAIL CREEK	*ORU0347*	JOHN DAY RIVER	*I		*44 21.0	*37.0*		*17.0*	*122.0*	*165.0*		*13.0*		*0.0*	*0.0*
	*NPP0226*				*118 35.0									*.43*	*1.9*
SUGARLOAF MOUNTAIN	*ORU0398*	MIDDLE FORK JOHN	*H		*44 52.0	*501.0*		*220.0*	*225.0*	*300.0*		*176.0*		*0.0*	*0.0*
IN	*NPP0227*	DAY RIVER			*119 4.0									*23.88*	*49.1*
BEECH CREEK	*ORU0461*	BEECH CREEK	*H		*44 32.0	*87.0*		*50.0*	*33.0*	*45.0*		*1.0*		*0.0*	*0.0*
	*NPP0228*				*119 2.5									*.21*	*.9*
FOX	*ORU0513*	FOX CREEK	*CI		*44 37.0	*99.0*		*17.0*	*33.0*	*45.0*		*11.0*		*0.0*	*0.0*
	*NPP0229*				*119 16.0									*.12*	*.5*
BLACK CANYON	*ORU0806*	SOUTH FORK JOHN	*H		*44 19.8	*569.0*		*180.0*	*250.0*	*250.0*		*50.0*		*0.0*	*0.0*
	*NPP2693*	DAY RIVER			*119 33.5									*6.80*	*30.0*
CANYON CREEK	*ORU0811*	CANYON CREEK	*CI		*44 15.6	*68.0*		*22.0*	*500.0*	*155.0*		*22.0*		*0.0*	*0.0*
	*NPP2698*				*118 56.5									*1.70*	*7.3*
HUNT GULCH	*ORU0846*	MIDDLE FORK JOHN	*H		*44 38.4	*156.0*		*70.0*	*240.0*	*240.0*		*97.0*		*0.0*	*0.0*
	*NPP2689*	DAY RIVER			*118 37.5									*2.70*	*9.0*
INDIAN CREEK	*ORU0847*	MIDDLE FORK JOHN	*H		*44 46.2	*378.0*		*170.0*	*40.0*	*40.0*		*52.0*		*0.0*	*0.0*
	*NPP2716*	DAY RIVER			*118 53.5									*1.07*	*3.7*
LONG CREEK	*ORU0861*	MIDDLE FORK JOHN	*H		*44 52.8	*515.0*		*238.0*	*60.0*	*60.0*		*0.0*		*0.0*	*0.0*
	*NPP2741*	DAY RIVER			*119 15.0									*1.65*	*6.5*
PORTER	*ORU0868*	MIDDLE FORK JOHN	*H		*44 51.0	*575.0*		*210.0*	*90.0*	*90.0*		*0.0*		*0.0*	*0.0*
	*NPP2788*	DAY RIVER			*119 3.0									*2.64*	*10.7*
SUNSHINE	*ORU0900*	MIDDLE FORK JOHN	*H		*44 39.6	*204.0*		*145.0*	*430.0*	*190.0*		*73.0*		*0.0*	*0.0*
	*NPP2791*	DAY RIVER			*118 42.0									*16.61*	*31.0*

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C=FLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,  
DEBRIS CONTROL, PAFARM POND, DEDOTER  
(3) - E=INSTALLED CAPACITY AND ENERGY NENEK INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM.M)	LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 MW)	ENERGY (3)
COUNTY NAME: HARNEY												
HIVERSIDE	ORU0057	SOUTH FORK MALHEUR RIVER			43 27.3		382.0	60.	500.	0.	0.	0.
	NP0409	UR RIVER			118 11.0						1.64	5.8
BLACK BUTTE	ORU0058	MALHEUR RIVER			43 40.0		950.0	185.	194.	194.	0.	0.
	NP0410				118 15.0						3.86	14.7
BURNED CAR	ORU0152	DONNER AND BLITZ			42 44.0		157.0	98.	310.	0.	0.	0.
	NP0230	EN RIVER			118 50.5						3.33	14.7
SILVIES CANYON	ORU0441	SILVIES RIVER			43 46.0		921.0	156.	375.	0.	0.	0.
	NP0231				119 11.0						27.83	41.4
FRENCH GLEN	ORU0450	DONNER AND BLITZ			42 47.0		200.0	125.	270.	0.	0.	0.
	NP0232	EN RIVER			118 52.0						3.60	16.1
ADEL	ORU0624	DEEP CREEK			42 10.5		267.0	127.	400.	400.	63.	0.
	NP0233				119 55.0						21.18	37.6
KIGER CREEK(A)	ORU0663	KIGER CREEK			42 57.3		200.0	50.	120.	120.	9.	0.
	NP0234				118 37.3						.90	4.0
KIGER CREEK(B)	ORU0664	KIGER CREEK			42 58.0		200.0	50.	120.	120.	10.	0.
	NP0235				118 37.4						.90	4.0
KIGER CREEK RESE	ORU0665	KIGER CREEK			42 58.0		200.0	120.	280.	280.	71.	0.
RVDIR	NP0236				118 37.4						5.10	5.1
ROCK CREEK DAM	ORU0157	ROCK CREEK			42 41.2		69.0	51.	28.	33.	4.	0.
	NP0237				119 18.3						.26	1.1
KERN BROS DAM	ORU0181	DRY KRUNO CREEK			42 55.1		44.0	33.	37.	44.	1.	0.
	NP0238				118 47.0						.14	.6
CHICKAHOMINY CRE	ORU0228	CHICKAHOMINY CREEK			43 32.7		75.0	28.	26.	31.	5.	0.
EK DAM	NP0239	EK			119 36.8						.13	.6

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&D CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT * (1)	NAME OF STREAM OR RIVER	PROJ * (2)	OWNER	*LATITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*INFLUENCE (CFS)	*ANNUAL FLOW (AC FT)	*AVERAGE NET HEIGHT OF DAM (FT)	*STORAGE CAPACITY (MM)	*ENERGY (GWH) (3)
COUNTY NAME: HARNEY											
OLIVE LAKE DAM	*OR00341*	*LAKE CREEK	*H	*CAL PACIFIC	*44 47.1	*0	*0	*30	*35	*5.8E	*0.8E
	*NPP0240*			*UTILITIES	*118 35.9					*.90E	*7.8
COTTONWOOD DAM	*OR00435*	*COTTONWOOD CREEK	*I	*OTIS VALLEY	*43 55.6	*30.0	*20	*75	*80	*4.8E	*0.8E
	*NP00411*			*INRIG. CO.	*118 17.7					*.23E	*2.6
HUNTER RESERVOIR	*OR00469*	*LITTLE CRANE CREEK	*I	*H M EMERSON	*43 27.7	*27.0	*20	*30	*35	*1.8E	*0.8E
DAM	*NPP0241*			*SGN	*118 24.5					*.11E	*.5
SILVER CREEK DAM	*OR00483*	*SILVER CREEK	*I	*PERKINS AND	*43 24.4	*440.0	*41	*26	*26	*6.8E	*0.8E
	*NPP0242*			*SCHRODER	*119 23.9					*.62E	*1.2
ERENDS DAM	*OR00488*	*WILLOW CREEK	*I	*CHAS + J M	*43 34.7	*20.0	*30	*37	*44	*2.8E	*0.8E
	*NPP0243*			*RENO	*119 10.8					*.20E	*.9
STINKING WATER DAM	*OR00517*	*STINKING WATER CREEK	*I	*JOHN STRINGER	*43 36.2	*28.0	*8	*47	*55	*2.8E	*0.8E
	*NP00412*			*R	*118 26.3					*.09E	*.4
ALDER CREEK DAM	*OR00531*	*ALDER CREEK	*I	*H M EMERSON	*43 23.0	*10.0	*7	*51	*60	*1.8E	*0.8E
	*NP00413*				*118 27.8					*.07E	*.3
COUNTY NAME: HODGSON											
POWERDALE	*OR00005*	*HODGSON RIVER	*H	*PACIFIC POWER	*45 40.5	*300.0	*950	*210	*0	*0.8E	*6.00E
	*NPP0244*			*R AND LIGHT	*121 31.0					*.26E	*86.3
POWERDALE-NEW	*OR00224*	*HODGSON RIVER	*H		*45 40.5	*300.0	*950	*485	*0	*0.8E	*0.8E
	*NPP0245*				*121 31.0					*.74E	*309.0
UPPER VALLEY	*OR00250*	*WEST FORK HODGSON RIVER	*H		*45 33.5	*102.0	*600	*320	*0	*0.8E	*0.8E
	*NPP0246*				*121 39.0					*.32E	*122.5
BLUE RIDGE	*OR00266*	*MIDDLE FORK OF HODGSON RIVER	*H		*45 32.0	*36.0	*220	*1400	*400	*0.8E	*0.8E
	*NPP0247*				*121 43.0					*.46E	*205.1
*****											
L E G E N D											

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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PEAK FLOW, G=GEOTHERM  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UTILIZED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OTHER  
(3) - O=OPERIS CONTROL, P=PAH POND, D=DEM  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP	(1)	AREA	ANNUAL	POWER	OF	STORAGE	(3)	(3)
	(1)		(2)	(2)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: JACKSON											
PROSPECT NO 3	ORP0021	SOUTH FK ROGUE R	M	42 48.5	79.0	180.	720.	0.	0.0E	7.20E	50.0
	NPP0253	ID FK ROGUE R	M	122 20.0					0.0E	4.00E	26.3
PROSPECT NO 4	ORP0022	ROGUE RIVER/MID	M	42 45.0	508.0	0.	720.	0.	0.0E	1.00E	8.2
	NPP0254	FORK ROGUE	M	122 30.0					0.0E	0.0E	0.
GOLD HILL-IDEAL CEMENT	ORP0049	ROGUE RIVER	M	42 24.0	2079.0	3090.	90.	90.	0.0E	2.50E	11.0
	NPP0255	IDEAL CEMENT	M	123 5.0					0.0E	36.53E	162.8
APPLEGATE CORPS OF ENGINEERS	ORU0072	APPLEGATE RIVER	M	42 3.0	223.0	435.	160.	235.	0.0E	0.0E	0.
	NPP0256	ORTLAND DIST	M	123 7.0					0.0E	19.26E	46.7
KITER CREEK	ORU0108	ROGUE RIVER	M	42 46.5	306.0	850.	220.	40.	0.0E	0.0E	0.
	NPP0257		M	122 30.0					0.0E	27.97E	121.1
LONG CREEK	ORU0111	ROGUE RIVER	M	42 33.0	1189.0	2600.	65.	0.	0.0E	0.0E	0.
	NPP0258		M	122 50.0					0.0E	15.14E	70.9
BIG BUTTE CREEK (MCNEIL)	ORU0105	BIG BUTTE CREEK	M	42 39.0	253.0	278.	165.	190.	0.0E	0.0E	0.
	NPP0259		M	122 41.0					0.0E	17.16E	75.0
BUTTE FALLS	ORU0153	SOUTH FORK BIG BUTTE CREEK	M	42 32.5	101.0	100.	600.	0.	0.0E	0.0E	0.
	NPP0260	BUTTE CREEK	M	122 37.0					0.0E	9.10E	38.9
CASTLE CREEK (MT STELLA)	ORU0157	ROGUE RIVER	M	42 55.0	122.0	365.	240.	80.	0.0E	0.0E	0.
	NPP0261		M	122 25.5					0.0E	13.30E	57.9
FOSTER CREEK	ORU0163	ROGUE RIVER	M	42 59.4	62.0	185.	220.	0.	0.0E	0.0E	0.
	NPP0262		M	122 23.5					0.0E	5.38E	25.2
ELK GLADE	ORU0178	BEAVER DAM CREEK	M	42 26.0	21.0	50.	100.	0.	0.0E	0.0E	0.
	NPP0263		M	122 41.0					0.0E	0.0E	0.
ELK CREEK (CORP S OF ENGINEERS)	ORU0190	ELK CREEK	M	42 41.7	127.0	215.	217.	235.	0.0E	0.0E	0.
	NPP0264		M	122 43.7					0.0E	4.25E	20.3

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(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE LONGITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL *POWER INFLOW * (CFS)	*NET *HEIGHT OF *STORAGE HEAD * DAM * (FT)	*CAPACITY * ENERGY (MW) * (GWH) * (3)
COUNTY NAME: JACKSON									
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3F									
ROCK POINT	*ORU0229 *NPP0265	*ROGUE RIVER	*H		*42 24.0 *123 5.2	*2200.0	*3800.	*65	*0.0 *29.10
MCKEE BRIDGE	*ORU0434 *NPP0266	*APPELEGATE RIVER	*H		*42 8.0 *123 5.0	*252.0	*490.	*200.	*0.0 *27.21
RUCH	*ORU0439 *NPP0267	*APPELEGATE RIVER	*H		*42 12.0 *123 3.0	*427.0	*490.	*130.	*0.0 *6.08
TRAIL CREEK	*ORU0446 *NPP0268	*ROGUE RIVER	*H		*42 37.5 *122 48.0	*1144.0	*2400.	*75.	*0.0 *16.81
IMNAHA	*ORU0452 *NPP0269	*IMNAHA CREEK	*H		*42 42.5 *122 23.0	*98.0	*300.	*300.	*0.0 *4.53
CASCADE	*ORU0520 *NPP0270	*ROGUE RIVER	*H		*42 42.0 *122 34.0	*569.0	*1650.	*234.	*0.0 *55.02
APPELEGATE CREEK	*ORU0629 *NPP0271	*APPELEGATE RIVER	*H		*42 0. *123 9.5	*217.0	*446.	*206.	*0.0 *24.13
BUTTE CREEK	*ORU0629 *NPP0272	*ROGUE RIVER	*H		*42 39.5 *122 44.0	*687.0	*2020.	*110.	*0.0 *31.24
CASTLE CREEK	*ORU0632 *NPP0273	*ROGUE RIVER	*H		*42 54.0 *122 28.0	*187.0	*470.	*200.	*0.0 *8.50
ELK CREEK	*ORU0649 *NPP0274	*ROGUE RIVER	*H		*42 39.1 *122 44.5	*1082.0	*1660.	*30.	*0.0 *6.11
GOLD HILL	*ORU0654 *NPP0275	*ROGUE RIVER	*H		*42 24.0 *123 5.0	*2050.0	*3600.	*65.	*0.0 *27.12
LEWIS CREEK	*ORU0668 *NPP0276	*ROGUE RIVER	*ORICH		*42 38.9 *122 47.6	*1082.0	*2600.	*141.	*224.0 *32.21

LEGEND

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D=DEBRIS CONTROL, P=PAVING, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ NUMBER	OWNER	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	MAXIMUM STORAGE (MG)	CAPACITY (MG)	ENERGY (KWH)
COUNTY NAME: JACKSON												
FISCAL POWER SUPPLY AREA - 0   FISCAL REGIONAL OFFICE CODE - SF												
MCKEIL CREEK	N01000073	MCKEIL CREEK	01		42 34.0	122 36.5	25.0	160	200	0	0	0
	NPP0278											2.30
MCKEIL CREEK	N02000067	BIG BUTTE CREEK	01		42 35.0	122 37.7	212.0	250	165	0	0	0
	NPP0279											5.36
RANCHERIA	N03000089	SOUTH FORK BIG BUTTE CREEK	01		42 31.4	122 29.5	138.0	160	200	0	0	0
	NPP0280											4.25
REESE CREEK	N03000090	ROGUE RIVER	01		42 28.0	122 52.0	1215.0	2640	85	0	0	0
	NPP0281											20.23
RITTER CREEK	N04000092	ROGUE RIVER	01		42 47.0	122 29.8	519.0	823	200	0	0	0
	NPP0282											26.51
TOP CREEK	N04000095	ROGUE RIVER	01		42 50.0	122 29.5	291.0	745	180	0	0	0
	NPP0283											21.65
HOMESTEAD GULCH	N04000094	EVANS CREEK	01		45 19.2	122 29.0	126.0	100	135	47	0	0
	NPP0287											2.10
FISH LAKE DAM	N05000021	FORK LITTLE RIVER	01	USBR	42 22.7	122 20.8	20.0	91	38	9	0	0
	NPP0284											.35
KEENE CREEK DAM	N05000031	KEENE CREEK	01	STATE	42 10.3	122 28.0	11.7	32	30	20	0	0
	NPP0046											.13
HYATT RESERVOIR	N05000011	ASHLAND CREEK	01	CITY OF ASHLAND	42 9.4	122 43.0	142.0	10	425	1	0	0
	NPP0285											.15
NEEDER GULCH DAM	N05000012	WILLOW CREEK	01	CITY OF MEDFORD	42 28.8	122 26.9	47.0	35	37	8	0	0
	NPP0286											.23
WILLOW CREEK DAM	N05000020	ROGUE RIVER	01	USBR	42 25.3	123 13.7	2432.0	3430	26	2	1.34	2.0
	NPP0287											10.97
SAVAGE RAPIDS	N05000021	ROGUE RIVER	01	USBR	42 25.3	123 13.7	2432.0	3430	26	2	1.34	2.0
	NPP0287											10.97
VERSION												55.9

L E G E N D

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DEBRIS CONTROL, FARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PMUJ PURP (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	STORAGE CAPACITY (MH)	MAXIMUM ENERGY (GWH)
COUNTY NAME: JACKSON										
AGATE DAM	OR000422	DRY CREEK	IRU	DUU USBR	42 24.0	15.0	8.0	54.0	5.0E	0.0E
	NPP02066				122 46.3				.08N	.4
BRADSHAW DAM	OR000442	LOST CREEK OFFST	I	CASCADE RANC	42 22.9	1.0	1.0	36.0	1.0E	0.0E
	NPP02089	HEAM		MES INC.	122 39.5				.06N	.3
SQUAM LAKES DAM	OR000538	SQUAM CREEK	I	GARALD BUCK	42 2.3	15.0	22.0	22.0	1.0E	0.0E
	NPP02090				123 1.4				.09N	.4
EMIGRANT DAM	OR000501	EMIGRANT CREEK	ICHU	DUU USBR	42 9.7	100.0	50.0	181.0	47.0E	0.0E
	NPP02091				122 36.2				.173N	6.9
GOLD RAY	OR000595	HUGUE RIVER	R	JACKSON COUN	42 26.2	2033.0	3000.0	20.0	0.0E	1.50E
	NPP02092			TY	122 59.2				.02N	25.3
LOST CREEK	OR000612	ROGUE RIVER	CRSH	DAEN NPP	42 40.1	674.0	1823.0	275.0	465.0E	49.00E
	NPP02093				122 40.2				.2924N	31.5
COUNTY NAME: JEFFERSON										
JACK CREEK S/(CI	OR000617	JACK CREEK	UH	LUNGREN LEDN	44 29.4	10.0	15.0	51.0	0.0E	.09E
MCLE H RANCH)	NPP02094			RAND	121 39.0				.979N	9.5
GENEVA	OR000091	DESCHUTES RIVER	H		44 30.0	2313.0	860.0	325.0	0.0E	0.0E
	NPP02095				121 18.5				.3786E	143.4
JEFFERSON CREEK	OR000102	METOLLIUS RIVER	H		44 39.5	219.0	950.0	400.0	0.0E	0.0E
	NPP02096				121 35.5				.46.11E	308.3
METOLLIUS BENCH	OR000119	METOLLIUS RIVER	H		44 37.0	318.0	1400.0	350.0	0.0E	0.0E
	NPP02097				121 27.5				.58.59E	391.7
JACKS CREEK	OR000199	METOLLIUS RIVER	H		44 33.5	117.0	510.0	300.0	0.0E	0.0E
	NPP02098				121 36.5				.11.90E	88.5

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DEBRIS CONTROL, PEFARM POND, GEOTHERM  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * *AREA * (SQ MI)	*ANNUAL * *INFLOW * (CFS)	*NET * *HEAD * (FT)	*HEIGHT * *OF * *DAM * (FT)	*MAXIMUM * *STORAGE * *CAPACITY * (MH) * (3)	*ENERGY * (GWH) * (3)
COUNTY NAME: JEFFERSON											
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F											
CROOKED RIVER	00000262	CROOKED RIVER			44 29.0	4300.0	800.0	800.0	0.0	0.0	0.0
ROE	NPP0299				121 16.5					175.26	658.0
STEELHEAD FALLS	0000396	DESCHUTES RIVER			44 25.0	2157.0	600.0	285.0	0.0	0.0	0.0
	NPP0300				121 17.0					30.78	117.1
WHITEWATER CREEK	0000423	METOLITUS RIVER			44 40.5	300.0	1350.0	260.0	78.0	0.0	0.0
	NPP0301				121 33.5					41.06	274.5
BOX CANYON LOWER	0000007	CROOKED RIVER			44 30.0	4300.0	1529.0	155.0	155.0	0.0	0.0
	NPP2694				121 17.0					33.37	127.0
BOX CANYON UPPER	0000008	CROOKED RIVER			44 29.4	4300.0	1529.0	100.0	100.0	0.0	0.0
	NPP2695				121 17.5					21.16	81.6
BREWER DAM	0000241	MAY CREEK	I	MAY CH HANGER	44 35.8	18.0	13.0	26.0	30.0	2.0	0.0
	NPP0302			CATTLE CO	120 55.5					0.06	0.3
MAYSTACK DAM	0000287	DESCHUTES RIVER	I	DOU USBR	44 30.0	0.0	79.0	59.0	74.0	7.0	0.0
	NPP0303	OFFSTREAM			121 9.2					0.08	3.9
PELTON REGULATING DAM	0000547	DESCHUTES RIVER	M	PORTLAND GEN	44 43.5	7820.0	4340.0	36.0	68.0	3.0	0.0
G DAM	NPP0304			ERAL ELECT	121 14.8					22.19	114.5
PELTON DAM	0000548	DESCHUTES RIVER	M	PORTLAND GEN	44 41.6	7800.0	4340.0	149.0	175.0	37.0	106.00
	NPP0305			ERAL ELECT	121 13.8					12.00	5.0
ROUND BUTTE DAM	0000549	DESCHUTES RIVER	M	PORTLAND GEN	44 36.3	7600.0	0.0	338.0	430.0	535.0	247.05
	NPP0306			ERAL ELECT	121 16.7					247.05	946.0
COUNTY NAME: JOSEPHINE											
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F											
BALD MOUNTAIN	0000078	ILLINOIS RIVER	M		42 24.0	711.0	2500.0	480.0	0.0	0.0	0.0
	NPP0307				123 57.5					355.76	687.7
LEGEND											

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PAH POND, G=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	DAMER	LATITUDE (N.M.)	LONGITUDE (W.M.)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CF)	NET HEAD (FT)	STORAGE CAPACITY (MH)	ENERGY (KWH)
COUNTY NAME: JOSEPHINE											
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3F											
BUZZARDS ROOST	ORU0005	ILLINOIS RIVER	HCIR		42 34.5	124 3.0	946.0	4300.	300.	915.	0.
	APP0306									295.64	571.8
AMENT	ORU0139	ROGUE RIVER	HR		42 24.0	123 14.0	2459.0	4000.	30.	0.	0.
	APP0309									14.36	67.5
FANTZ RANCH	ORU0180	INDIGO AND SILVER	HR		42 28.5	124 0.	135.0	460.	280.	0.	0.
	APP0310	CREEKS								19.60	85.7
SUCKER CREEK	ORU0236	SUCKER CREEK	HR		42 9.0	123 28.0	76.0	210.	204.	0.	0.
	APP0311									20.34	40.0
FALLS CREEK	ORU0279	ILLINOIS RIVER	HCIR		42 18.0	123 46.0	567.0	1955.	360.	0.	0.
	APP0312									106.00	464.0
WOLF CREEK	ORU0421	PUMPOLA RIVER	HCIR		43 25.0	123 37.0	3600.0	0.	100.	422.	0.
	APP0313									37.00	300.0
MURPHY	ORU0437	APPLEGATE RIVER	HR		42 21.0	123 23.5	648.0	725.	150.	195.	0.
	APP0314									32.85	76.7
CLEAR CREEK	ORU0633	ILLINOIS RIVER	HCIR		42 23.2	123 50.2	665.0	2000.	490.	620.	0.
	APP0315									339.67	656.6
RAHEY FALLS	ORU0688	ROGUE RIVER	HR		42 38.5	123 41.5	3719.0	5700.	330.	0.	0.
	APP0316									294.87	1100.4
SEXTON	ORU0695	JUMP OFF JOE CREEK	CI		42 33.6	123 21.0	33.0	50.	180.	30.	0.
	APP2773									1.40	6.0
COUNTY NAME: KALAMATH											
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3F											
CRESCENT CREEK	ORU0419	CRESCENT CREEK	CI		43 30.6	121 41.0	185.0	106.	75.	32.	0.
	APP2782									1.97	8.0

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION,  
DEBRIS CONTROL, P-FARM POND, O-OTHER  
(3) - REINSTALLED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

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- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, ORDERAIS CONTROL, PEFARM POND, COTHER
- (3) - E-INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT	NAME OF STREAM	PRDJA	OR RIVER	PURP	OWNER	LATITUDE	DRAINAGE	ANNUAL	POWER	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER				(1)		LONGITUDE	AREA	INFLOW	HEAD	OF	STORAGE	(MW)	(3)	(3)
							(DM, N)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)			
COUNTY NAME: LAKE															
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3P															
WILLOW VALLEY DAM	OR000376	LOST RIVER	I			WILLOW VALLEY	42 42	58.0	43	25	29	11.2E	0.2E	0.7	
	SPN0040C					IRRIE DIST	121 6.7								
COTTONWOOD DAM	OR000535	COTTONWOOD CREEK	I			LAKEVIEW NAT	42 14.6	32.2	20	44	52	9.2E	0.2E	0.7	
	SPN00049					ER USERS	120 30.5								
COUNTY NAME: LAKE															
FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE 3P															
TRIANGLE LAKE (H)	OR000000	LAKE CREEK	H				44 10.0	52.0	210	350	75	137.2E	0.2E	0.7	
	NP00326						123 34.0								
WALDO LAKE-FERC	OR000009	BLACK CREEK	H				43 44.0	30.0	45	1960	4	220.2E	0.2E	0.7	
	NP00327						122 12.0								
WALDO LAKE-USGS	OR000010	BLACK CREEK	H				43 44.0	30.0	45	2964	15	220.2E	0.2E	0.7	
	NP00328						122 12.0								
TRIANGLE LAKE (L)	OR000620	LAKE CREEK	H				44 9.6	50.0	210	280	20	72.2E	0.2E	0.7	
	NP02671						123 34.0								
AUSTA NEW AUSTA	OR000075	SIUSLAH RIVER	H				44 0	267.0	660	178	230	450.2E	0.2E	0.7	
	NP00329						123 42.0								
HAYDEN BRIDGE	OR000043	MCKENZIE RIVER	HC				44 4.0	1084.0	4640	90	0	0.2E	0.2E	0.7	
	NP00330						122 50.0								
MAPLETON	OR000115	SIUSLAH RIVER	HC				44 2.5	599.0	1875	80	90	35.2E	0.2E	0.7	
	NP00331						123 52.5								
MILE 6.7	OR000121	FK MID FK WILLAM	HC				43 48.3	232.0	745	425	500	299.2E	0.2E	0.7	
	NP00332	WETTE R					122 26.0								
PARADISE	OR000135	MCKENZIE RIVER	HC				44 10.0	354.0	1690	145	150	70.2E	0.2E	0.7	
	NP00333						122 8.0								
LEGEND															

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(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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# WYN THE STAY-UP BREWERY

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. PURP.	OWNER	LATITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLON	NET POWER	HEIGHTS OF HEAD	STORAGE CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(1000)	(MWH)
										(AC FT)	(3)
COUNTY NAME: LANE											
FERC POWER SUPPLY AREA 45											
FERC REGIONAL OFFICE CODE SF											
BELKNAP (FERC)	ORU0103	MCKENZIE RIVER	M		44 13.7	400.0	1110.	385.	0.	0.0	0.0
	NNP0334				122 3.5					112.74	542.6
BELKNAP (USGS)	ORU0144	MCKENZIE RIVER	M		44 11.0	232.0	1110.	450.	140.	65.0	0.0
	NNP0335				122 6.0					76.43	367.9
BOULDER CREEK	ORU0149	MIDDLE FORK WILLAM	M		43 31.5	223.0	600.	370.	0.	0.0	0.0
	NNP0336	AMETTE RIVER			122 27.0					7.00	48.0
COBURG	ORU0158	MCKENZIE RIVER	M		44 6.5	1337.0	5970.	50.	0.	0.0	0.0
	NNP0337				122 2.5					44.40	197.2
GATE CREEK (CORP)	ORU0160	GATE CREEK	C		44 9.0	48.0	223.	240.	270.	60.0	0.0
S OF ENGINEERS)	NNP0338				122 34.0					5.40	23.3
STRUBE REREGULATING DAM	ORU0166	S FORK MCKENZIE	M		44 8.7	210.0	888.	26.	45.	4.0	0.0
	NNP0339				122 14.4					4.00	19.2
CAMPERS FLAT	ORU0169	MIDDLE FORK WILLAM	M		43 30.0	192.0	600.	220.	480.	475.0	0.0
	NNP0340	AMETTE RIVER			122 24.0					61.36	198.9
DEERHORN	ORU0172	MCKENZIE RIVER	M		44 4.0	1057.0	4520.	40.	0.	0.0	0.0
	NNP0341				122 45.0					28.08	124.7
DIAMOND PEAK	ORU0174	MIDDLE FORK WILLAM	M		43 30.5	40.0	140.	1000.	100.	28.0	0.0
	NNP0342	AMETTE RIVER			122 18.0					22.22	121.8
FOLEY RIDGE	ORU0182	MCKENZIE RIVER	M		44 10.0	356.0	1690.	290.	150.	35.0	0.0
	NNP0343				122 7.0					75.58	363.8
LOOKOUT POINT 2 (UPPER LOOKOUT HORSE CREEK DIVISION	ORU0191	MIDDLE FK. WILLAM	M		43 47.0	915.0	2750.	127.	294.	582.0	0.0
	NNP0344	AMETTE R			122 32.5					56.00	224.3
	ORU0196	HORSE CREEK	M		44 9.0	140.0	490.	300.	0.	0.0	0.0
	NNP0345				122 9.0					30.75	148.0

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( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S

P O T E N T I A L   H Y D R O P O W E R   S I T E S

I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER (KW)	HEAD (FT)	DAM (AC FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (GWH) (3)
COUNTY NAME: LANE													
FERC POWER SUPPLY AREA 45   FERC REGIONAL OFFICE CODE SF													
LIN MAPLETON	ORU0205 NPP0346	SIUSLAN RIVER			44 4.0 123 48.0		599.0	1875.0	75.0	90.0	6.0	0.0	0.0
MCKENZIE BRIDGE (DOWNSTREAM)	ORU0208 NPP0347	MCKENZIE RIVER			44 9.5 122 15.0		353.0	2130.0	225.0	10.0	0.0	0.0	0.0
MESA CREEK	ORU0212 NPP0348	MESA CREEK			44 5.0 121 53.5		15.0	165.0	1450.0	100.0	0.0	0.0	0.0
MILE 56	ORU0213 NPP0349	MIDDLE FORK WILLAMETTE RIVER			43 37.5 122 26.0		258.0	800.0	313.0	0.0	0.0	0.0	0.0
QUARTZ CREEK	ORU0225 NPP0350	MCKENZIE RIVER			44 7.4 122 23.2		899.0	4000.0	335.0	335.0	0.0	0.0	0.0
RAINBOW CREEK	ORU0226 NPP0351	SEPARATION CREEK			44 7.5 122 2.0		60.0	290.0	720.0	0.0	0.0	0.0	0.0
SALMON CREEK	ORU0231 NPP0352	SALMON CREEK			43 47.3 122 14.2		33.0	0.0	1000.0	0.0	0.0	0.0	0.0
SAND PRAIRIE	ORU0233 NPP0353	MIDDLE FORK WILLAMETTE RIVER			43 36.5 122 27.0		258.0	800.0	367.0	457.0	837.0	0.0	0.0
SOUTH FORK	ORU0235 NPP0354	MCKENZIE RIVER			44 9.0 122 19.0		701.0	3075.0	140.0	0.0	0.0	0.0	0.0
SWIFT CREEK	ORU0238 NPP0355	MIDDLE FORK WILLAMETTE RIVER			43 28.5 122 14.5		41.0	140.0	800.0	45.0	0.0	0.0	0.0
THREE SISTERS	ORU0241 NPP0356	SEPARATION CREEK			44 6.0 121 52.5		5.0	0.0	1350.0	100.0	5.0	0.0	0.0
TWISTY CREEK	ORU0246 NPP0357	MCKENZIE RIVER			44 12.5 122 3.0		248.0	1350.0	327.0	0.0	0.0	0.0	0.0

L E G E N D

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(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

## IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 GWH)	CAPACITY (3)	ENERGY (3)
COUNTY NAME: LANE													
WIDA DIVERSION	ORU0252	CKENZIE RIVER			44 0.5	122 35.0	931.0	4000.	105.	0.	0.0	0.	0.
	NPP0358										63.60	279.6	
WUP ORU0295	ORU0295	BEAVER CREEK		IR	43 57.5	123 53.0	4.0	17.	41.	55.	3.0	0.	0.
	NPP0359										.14	.6	
WUP ORU0297	ORU0297	CHICKAMVINY CREEK		IR	44 5.0	123 35.0	8.0	27.	30.	41.	2.0	0.	0.
	NPP0360										.17	.8	
WUP ORU0298	ORU0298	CONDON CREEK		IR	44 4.0	123 59.5	3.0	15.	52.	70.	2.0	0.	0.
	NPP0361										.16	.7	
WUP ORU0299	ORU0299	CONGDON CREEK		IR	44 13.5	123 31.5	8.0	42.	58.	78.	2.0	0.	0.
	NPP0362										.50	2.1	
WUP ORU0300	ORU0300	EAMES CREEK		IR	43 56.5	123 27.5	5.0	9.	37.	50.	1.0	0.	0.
	NPP0363										.06	.3	
HAZELLE HANCH	ORU0346	BIG CREEK		IR	43 20.0	124 25.0	3.0	6.	41.	56.	4.0	0.	0.
	NPP0364										.07	.3	
SWISSHOME HIGH	ORU0400	SIUSLAW RIVER/LA		HICK	44 3.5	123 48.0	224.0	880.	510.	280.	562.0	0.	0.
	NPP0365	NE CREEK									57.24	98.2	
SWISSHOME-LOW	ORU0401	SIUSLAW RIVER/LA		RCIH	44 3.5	123 48.0	224.0	880.	260.	280.	562.0	0.	0.
	NPP0366	NE CREEK									48.01	79.0	
UPPER SIUSLAW-HIGH	ORU0414	SIUSLAW RIVER		H	44 3.5	123 48.0	353.0	940.	230.	170.	125.0	0.	0.
	NPP0367										66.93	110.1	
UPPER SIUSLAW-H	ORU0415	SIUSLAW RIVER		H	44 3.5	123 48.0	353.0	940.	180.	170.	125.0	0.	0.
	NPP0368										52.38	86.2	
THORNHOLLOW	ORU0445	UNATILLA RIVER		CI	45 41.2	118 27.0	0.	366.	170.	230.	150.0	0.	0.
	NPP0369										12.80	56.0	

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- (3) - E-INSTALLED CAPACITY AND ENERGY N-NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U-INSTALLED CAPACITY AND ENERGY T-TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



IN THE STATE OF OREGON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	PLATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP	LONGITUDE	AREA	ANNUAL	PUNK	OF	STORAGE	(MH)	(GWH)
	(1)		(2)	(DN,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: LANE					FERC POWER SUPPLY AREA 45	FERC REGIONAL OFFICE CODE	8F				
AUGUSTA CREEK	ORU0517	SOUTH FORK MCKEN	M	43 59.0	71.0	280.	430.	0.	0.0	0.	0.
	NNP0370	ZIE RIVER		122 10.5						19.11	75.1
CHRISTY CREEK	ORU0521	N FK MID FK WILL	M	43 53.0	187.0	600.	325.	0.	0.0	0.	0.
	NNP0371	AMETTE RIVER		122 23.5						39.38	130.4
ELK CREEK	ORU0523	SOUTH FORK MCKEN	M	43 57.0	60.0	250.	290.	0.	0.0	0.	0.
	NNP0372	ZIE RIVER		122 5.0						11.30	43.2
FOLEY SPINGS	ORU0525	MORSE CREEK	M	44 9.0	135.0	470.	280.	0.	0.0	0.	0.
	NNP0373			122 5.5						27.67	133.2
HUCKLEBERRY CREEK	ORU0526	N FK OF MID FK	M	43 49.0	215.0	690.	377.	340.	0.0	0.	0.
K (MILE 6.7)	NNP0374	WILLAM RIVER		122 24.5						54.54	175.4
HALO CREEK	ORU0527	SALMON CREEK	M	43 47.5	85.0	210.	700.	0.	0.0	0.	0.
	NNP0375			122 15.5						37.24	146.4
KITSON HOT SPRING	ORU0529	WILLS CREEK	M	43 42.0	46.0	110.	940.	0.	0.0	0.	0.
SS	NNP0376			122 22.5						13.79	30.5
MOOLACK MOUNTAIN	ORU0530	N FK MID FK WILL	M	43 52.5	57.0	180.	400.	0.	0.0	0.	0.
	NNP0377	AMETTE RIVER		122 9.5						10.90	48.0
REBEL CREEK	ORU0531	SOUTH FORK MCKEN	M	44 1.0	117.0	465.	585.	0.	0.0	0.	0.
	NNP0378	ZIE RIVER		122 10.5						26.19	110.9
ROCKY POINT-HIGH	ORU0532	HOW RIVER	M	43 43.5	211.0	600.	415.	0.	0.0	0.	0.
	NNP0379			122 51.5						77.62	159.7
ROCKY POINT-LOW	ORU0533	HOW RIVER	M	43 43.5	234.0	600.	30.	53.	3.0	0.	0.
	NNP0380			122 51.5						3.96	17.7
UPPER NORTH FORK	ORU0537	N FK MID FK WILL	M	43 53.5	115.0	365.	314.	555.	719.0	0.	0.
	NNP0361	AMETTE RIVER		122 18.5						31.00	135.0

LEGE ND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE 10. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, OCEANIC CONTROL, REPAIR POND, OTHER
- (3) - E-INSTALLED CAPACITY AND ENERGY N-NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U-INSTALLED CAPACITY AND ENERGY T-TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

IN THE STATE OF OREGON

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I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD

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( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDNT	NAME OF STREAM	PROJ	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
NUMBER	(1)	CR RIVER	PURP	LONGITUDE	AREA	ANNUAL	POWER	OF	STORAGE	(M4)	(GMH)
			(2)	(DM.M)	(SQ MI)	(CFS)	HEAD	DAM	(1000	(3)	(3)
COUNTY NAME: LAKE								(FT)	(AC FT)		
COOK CREEK	ORU0640	BLUE RIVER	M	44 14.5	33.0	170.	100.	0.	0.	0.	0.
	NPP0394			122 14.0						1.39	5.6
EUGENE CREEK	ORU0650	MORSE CREEK	M	44 3.5	18.0	70.	1280.	0.	0.	0.	0.
	NPP0395			122 .5						9.65	39.4
HARVEY CREEK	ORU0656	SEPERATION CREEK	M	44 6.0	17.0	200.	850.	0.	0.	0.	0.
	NPP0396			121 58.5						7.00	61.0
HORSE CREEK (STO	ORU0658	MORSE CREEK	HC	44 8.3	136.0	490.	575.	375.	85.	0.	0.
RAGE)	NPP0397			122 3.5						37.33	179.7
JASPER	ORU0661	MID FORK WILLAMETTE	M	43 55.0	996.0	3300.	110.	0.	0.	0.	0.
	NPP0398			122 47.0						52.46	211.1
LAKES AREA DIVER	ORU0667	SOUTH FORK MCKEN	M	43 57.0	16.0	65.	1000.	0.	0.	0.	0.
SION	NPP0399	ZIE RIVER		122 2.5						8.26	41.6
LOOKOUT CREEK	ORU0671	BLUE RIVER	M	44 11.5	33.0	190.	312.	0.	0.	0.	0.
	NPP0400			122 15.5						3.66	17.1
LOST CREEK	ORU0672	LOST CREEK	M	44 11.0	74.0	340.	250.	0.	0.	0.	0.
	NPP0401			122 6.0						12.90	56.6
NORTH FORK NUMBE	ORU0678	SALAMON CREEK	M	45 47.0	83.0	210.	580.	0.	0.	0.	0.
R 1	NPP0402			122 15.5						18.50	103.0
ROARING RIVER	ORU0693	ROARING RIVER/S	M	43 57.0	9.0	190.	850.	0.	0.	0.	0.
	NPP0403	F MCKENZIE		122 5.5						24.50	107.5
SEPARATION CREEK	ORU0697	MORSE CREEK	M	44 7.5	45.0	180.	740.	0.	0.	0.	0.
	NPP0404			122 2.0						13.80	45.9
STALEY CREEK	ORU0699	MIDDLE FORK WILL	M	43 30.3	108.0	0.	340.	25.	0.	0.	0.
	NPP0405	ANETTE RIVER		122 16.0						6.50	46.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CFFLOW CONTROL, NAVIGATION, SEWAGE SUPPLY, RECREATION, OROGRAPHIC CONTROL, PEFANN POND, DUTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	CHNER (2)	LATITUDE (DN.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFR)	NET HEAD (FT)	HEIGHT OF DAM (AC FT)	MAXIMUM STORAGE (MA) (1000)	CAPACITY ENERGY (GWH) (3)
COUNTY NAMES: LANE										
FERC POWER SUPPLY AREA 45   FERC REGIONAL OFFICE CODE SP										
ALMA	ORU0601	SIUSLAW RIVER	PH	43 52.2	122.0	325	132	0	0	0
	NPP2673			123 30.0					3.94	16.6
COMBINATION (BLU) ORU0616	PH	MCKENZIE RIVER	PH	44 9.6	544.0	2150	140	5	0	0
E RIVER	NPP2779			122 14.5					55.75	268.4
DISSTON	ORU0622	BARON RIVER	PH	43 42.0	138.0	392	150	150	47	0
	NPP2681			122 46.5					12.75	50.8
EUGENE MUNICIPAL ORU0627	PH	MCKENZIE RIVER	PH	44 7.8	917.0	4000	136	153	109	0
POWER SITE NUMB	NPP2776			122 26.5					86.77	375.5
FRYING PAN CREEK ORU0632	PH	SIUSLAW RIVER	PH	43 51.0	101.0	270	75	0	0	0
	NPP2705			123 25.5					2.02	8.2
GATE CREEK	ORU0637	MCKENZIE RIVER	PH	44 7.8	947.0	4000	40	0	0	0
	NPP2796			122 33.0					24.62	111.3
LAKE CREEK	ORU0653	LAKE CREEK	PH	44 10.2	53.0	210	240	0	0	0
	NPP2733			123 33.4					3.16	13.2
MCKENZIE BRIDGE (UPSTREAM)	ORU0665	MCKENZIE RIVER	PH	44 10.2	360.0	1690	290	0	0	0
	NPP2719			122 8.0					76.43	367.9
MOHAWK	ORU0666	MOHAWK RIVER	PH	44 5.4	180.0	542	75	75	105	0
	NPP2723			122 57.5					4.53	19.5
MOHAWK NUMBER 1	ORU0669	MOHAWK RIVER	PH	44 15.0	35.0	156	94	94	11	0
	NPP2724			122 46.5					1.66	6.9
MOSSY CREEK	ORU0671	MOSBY CREEK	PH	43 39.6	62.0	251	160	160	47	0
	NPP2726			122 56.5					2.91	12.2
NICHOLS	ORU0678	MCKENZIE RIVER	PH	44 7.8	939.0	4000	57	0	0	0
	NPP2740			122 51.0					35.93	158.2

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
          DEGRADATION CONTROL, PEFARM POND, GOTHER  
(3) - E-INSTALLED CAPACITY AND ENERGY    N-NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
          U-INSTALLED CAPACITY AND ENERGY    TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

LEGE NO

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
 SEDIMENT CONTROL, FISH AND WILDLIFE  
(3) - ESTIMATED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - UNINSTALLED POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)





( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID	NAME OF STREAM	PROJ#	OWNER	LONGITUDE	AREA	ANNUAL INFLOW	NET HEAD	OF STORAGE	CAPACITY	ENERGY
					(N.M.)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: LINCOLN											
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF											
HOLMAN CREEK	ORU0195	SILETZ RIVER	M		44 51.0	87.0	770.	170.	0.	0.	0.
	NPP0420				123 45.0				19.90	87.1	
TROUT CREEK	ORU0243	DRIFT CREEK	M		44 27.5	62.0	325.	250.	0.	0.	0.
	NPP0421				123 50.0				12.40	54.1	
ELK CITY	ORU0271	YAGUINA RIVER	ORICH		44 37.0	173.0	1035.	250.	0.	0.	0.
	NPP0422				123 52.0				39.00	172.0	
EUCHRE CREEK	ORU0277	SILETZ RIVER	M		44 47.5	112.0	1040.	255.	0.	0.	0.
	NPP0423				123 54.1				14.20	117.0	
SCOTT MOUNTAIN	ORU0387	ALSEA RIVER	M		44 26.0	321.0	1475.	237.	2000.	0.	0.
	NPP0424				123 49.0				189.27	393.4	
SUNSHINE CREEK (DIVERSION)	ORU0399	SILETZ RIVER	M		44 47.0	109.0	900.	500.	41.	0.	0.
	NPP0425				123 47.0				135.86	282.4	
THE FALLS	ORU0404	SILETZ RIVER	MCIRO		44 51.5	75.0	700.	300.	175.	0.	0.
	NPP0426				123 44.0				29.06	60.1	
TIDENATER	ORU0405	ALSEA RIVER	M		44 24.0	357.0	1640.	80.	0.	0.	0.
	NPP0427				123 55.0				43.66	86.4	
UDP ORU0555	ORU0555	NORTH FK ALSEA RIVER	M		44 28.0	6.0	33.	111.	150.	25.	0.
	NPP0428				123 37.5				.75	3.2	
UDP ORU0564	ORU0564	NORTH FORK YACHATS RIVER	M		44 17.5	10.0	56.	37.	50.	3.	0.
	NPP0429				123 50.0				.42	1.9	
UDP ORU0567	ORU0567	YACHATS RIVER	M		44 19.5	14.0	78.	42.	57.	3.	0.
	NPP0430				123 58.0				.68	3.0	
SALMON	ORU0695	SALMON RIVER	M		45 0.	24.0	120.	320.	160.	0.	0.
	NPP2670				123 53.0				5.80	25.6	

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
(3) - EXISTING CAPACITY AND ENERGY: U=UNDEVELOPED SITES, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT	NAME OF STREAM	PHUJ	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	ANNUAL	POWER	OF	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	PURP	(2)	AREA	(3)	HEAD	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
					(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
COUNTY NAME: LINCOLN															
SAM CREEK	ORU0966	SILETZ RIVER	H	44 43.5	195.0	1480.0	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0432			123 50.0											60.765T 126.3
COUNTY LINE	ORU0817	NORTH FORK ALSEA	H	44 25.2	25.0	110.0	300.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP2780	RIVER		123 35.3											15.055T 30.1
FALLS NUMBER 1	ORU0828	SILETZ RIVER	H	44 51.6	83.0	676.0	240.0	240.0	176.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP2676			123 44.0											31.67T 60.9
SLICK ROCK CREEK	ORU0847	DRIFT CREEK	H	44 27.6	37.0	198.0	225.0	225.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP2775			123 54.2											16.705T 33.4
UDP ORU0909	ORU0909	SALMON RIVER	H	45 1.2	21.0	131.0	90.0	90.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP2711			123 49.0											1.805T 7.8
ULLALIE DAM	ORU0708	WEST ULLALLA CREEK	H	44 40.9	0.0	71.0	65.0	76.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0433			123 55.8											60.0N 3.6
COUNTY NAME: LINN															
ALBANY	ORP0011	SOUTH SANTIAM RIVER	H	44 38.5	0.0	0.0	175.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0434	EVER		123 7.0											11.005N 87.6
LEBANON	ORP0015	SOUTH SANTIAM RIVER	H	44 36.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0435	EVER		123 0.0											0.145E .5
WILLAMETTE PAPER	ORP0622	SOUTH SANTIAM CREEK	H	44 33.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0436	EVER		122 54.0											9.685N 9.1
MARION LAKE	ORU0117	MARION CREEK	H	44 33.7	26.0	0.0	1500.0	65.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0437			121 52.3											22.005T 134.0
PACKERS GULCH	ORU0133	QUARTZVILLE CREEK	H	44 31.5	80.0	500.0	400.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0438			122 26.5											61.305T 146.5

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
(3) - DEBRIS CONTROL, P/ARM POND, OTHER  
(4) - ESTIMATED CAPACITY AND ENERGY  
(5) - INSTALLED CAPACITY AND ENERGY  
(6) - TOTAL POTENTIAL CAPACITY AND ENERGY  
(7) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DN.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (MH)	ENERGY (3)
COUNTY NAME: LINN											
ALBANY SITES											
	ORU0137	SOUTH SANTIAM C&H			44 36.5	750.0	0.0	175.0	0.0	0.0	0.0
	NPP039	NAL			123 7.0					11.00	90.0
BEAR CREEK	ORU0141	MIDDLE SANTIAM R&H			44 30.0	87.0	500.0	800.0	450.0	0.0	0.0
	NPP0440	RIVER			122 23.0					65.24	243.9
BEAVER MARSH	ORU0142	MCKENZIE RIVER			44 19.5	90.0	476.0	380.0	0.0	0.0	0.0
	NPP0441				122 .5					14.17	47.2
BRUNG	ORU0151	NORTH SANTIAM R&H			44 39.0	110.0	510.0	115.0	0.0	0.0	0.0
	NPP0442	VER			121 57.0					9.33	41.9
HOLLEY (CORPS OF ENGINEERS)	ORU0162	CALAPOOYA RIVER			44 21.0	105.0	444.0	130.0	150.0	0.0	0.0
	NPP0443				122 47.0					6.40	27.6
LYONS	ORU0206	LITTLE NORTH SANTIAM R&H			44 47.0	93.0	660.0	285.0	0.0	0.0	0.0
	NPP0444	ATIAM RIVER			122 25.5					50.78	121.3
MEHAMA NUMBER 2	ORU0211	NORTH SANTIAM R&H			44 48.5	655.0	3350.0	150.0	0.0	0.0	0.0
	NPP0445	VER			122 44.0					89.93	331.6
MINTO	ORU0215	NORTH SANTIAM R&H			44 42.0	124.0	505.0	190.0	250.0	150.0	0.0
	NPP0446	VER			121 58.5					18.00	73.0
PATTERSON	ORU0221	SOUTH SANTIAM R&H			44 23.5	77.0	380.0	190.0	0.0	0.0	0.0
	NPP0447	VER			122 26.5					18.00	64.0
PATTERSON (UPPER )	ORU0222	SOUTH SANTIAM R&H			44 25.5	82.0	380.0	400.0	0.0	0.0	0.0
	NPP0448	VER			122 23.0					23.10	101.2
SWEET HOME	ORU0237	SOUTH SANTIAM R&H			44 24.5	580.0	2890.0	45.0	0.0	0.0	0.0
	NPP0449	VER			122 45.0					34.41	81.8
TOM CREEK (DIVER SION)	ORU0242	NORTH SANTIAM R&H			44 42.5	178.0	820.0	490.0	0.0	0.0	0.0
	NPP0450	VER			122 7.0					64.33	276.5

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) DEBRIS CONTROL, P&FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROPOSED CRIVER	PURPOSE	OWNER	PLATITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLW	NET HEAD	STORAGE CAPACITY	ENERGY
	(1)			(2)		(DM, M)	(SQ MI)	(CFS)	(FT)	(1000 MW)	(GWH)
									(FT)	(AC FT)	(3)
COUNTY NAME: LINN											
FERC POWER SUPPLY AREA 45 PERC REGIONAL OFFICE CODE SP											
UPPER FALLS (SAH)	ORU0249	MCKENZIE RIVER				44 20.0	93.0	485	250	0	0
ALIE FALLS	NPP0451					121 59.5				6.10	29.2
WILEY CREEK	ORU0255	WILEY CREEK		NCIN		44 22.0	52.0	230	280	0	0
	NPP0452					122 37.0				18.16	41.1
CASCADIA (DIVERS)	ORU0630	SOUTH SANTIAM RIVER				44 24.0	181.0	850	320	0	0
ION)	NPP0453	VER				122 34.0				74.87	181.9
CASCADIA (RESERV)	ORU0631	SOUTH SANTIAM RIVER		DAEN NPP		44 24.7	193.0	825	201	294	0
DIR)	NPP0454	VER				122 31.6				50.15	121.8
CHIMNEY PEAK	ORU0637	MIDDLE SANTIAM RIVER				44 30.0	52.0	320	440	0	0
	NPP0455	IVER				122 16.0				21.08	79.8
FISH LAKE	ORU0651	MCKENZIE RIVER				44 23.0	55.0	250	88	0	0
	NPP0456					121 59.0				1.41	6.2
JUNCTION OF CREE	ORU0662	SANTIAM RIVER				44 22.5	17.0	80	570	0	0
KS	NPP0457	CR/7-MILE				122 13.0				3.48	16.1
LOG POND	ORU0670	WILEY CREEK				44 23.5	52.0	230	155	0	0
	NPP0458					122 39.0				3.88	16.5
MIDDLE FALLS (KON)	ORU0675	MCKENZIE RIVER				44 19.5	95.0	500	135	0	0
SAH)	NPP0459					122 .5				3.48	16.2
OLALLIE CREEK	ORU0682	OLALLIE CREEK/MC				44 15.5	47.0	270	160	0	0
	NPP0460	KENZIE RIVER				122 2.0				6.60	28.8
PYRAMID	ORU0687	MIDDLE SANTIAM RIVER				44 30.0	42.0	200	240	0	0
	NPP0461	IVER				122 10.0				3.60	16.8
SODA FORK	ORU0698	SOUTH SANTIAM RIVER				44 24.0	23.0	105	470	0	0
	NPP0462	VER				122 17.0				3.83	18.0

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT * NUMBER * (1)	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE* *LONGITUDE* (DM,M)	*DRAINAGE* AREA (SQ MI)	*AVERAGE* ANNUAL INFLWN * (CFS)	*NET HEIGHT* OF POWER * HEAD * (FT)	*MAXIMUM* STORAGE * (1000 AC FT)	*CAPACITY* ENERGY (MWH) (3)
COUNTY NAME: LINN										
TOM CREEK (RESERVOIR)	NR00704	NORTH SANTIAM RIVER	RI		44 42.5 122 7.0	216.0	234.1	430.	380.0	0.0
CRABTREE CREEK	NR00810	CRABTREE CREEK	RI		43 36.0 122 42.5	65.0	251.	67.	4.0	0.0
JORDAN	NR00850	THOMAS CREEK	IC		44 43.2 122 42.5	70.0	300.	130.	55.0	0.0
LOWER FALLS	NR00863	MCKENZIE RIVER	RI		44 19.2 122 1.0	146.0	500.	270.	0.0	0.0
SANMILL SITE	NR00893	CRABTREE CREEK	RI		44 36.0 122 40.0	66.0	248.	123.	9.0	0.0
THOMAS CREEK	NR00904	THOMAS CREEK	RI		44 42.0 122 36.0	55.0	227.	115.	18.0	0.0
WATERLOO NUMBER 3	NR00914	SOUTH SANTIAM RIVER	RI		44 30.6 122 52.0	690.0	2990.	145.	485.0	0.0
BIG CLIFF	NR00003	NORTH SANTIAM RIVER	RI	DAEN NPP	44 44.8 122 17.3	452.0	2000.	91.	6.0	18.00
DETROIT	NR00004	NORTH SANTIAM RIVER	RI	DAEN NPP	44 43.0 122 15.0	438.0	1940.	285.	364.	100.00
GREEN PETER	NR00010	MIDDLE SANTIAM RIVER	RI	DAEN NPP	44 27.5 122 31.5	277.0	1581.	307.	430.0	80.00
FOSTER REREGULATION DAM	NR00012	SOUTH SANTIAM RIVER	RI	DAEN NPP	44 24.8 122 39.8	494.0	2538.	110.	61.0	20.00
TRAIL BRIDGE DAM	NR00540	MCKENZIE RIVER	RI	CITY OF EUGENE	44 16.1 122 6.0	184.0	1000.	78.	2.0	10.00

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FISH POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PURP * (2)	OWNER	*LATITUDE (DM.M)	*LONGITUDE (90 MI)	*DRAINAGE AREA * (SQ MI)	*AVERAGE ANNUAL INFLOW * (CFS)	*NET *POWER HEAD * (FT)	*HEIGHT * OF DAM * (FT)	*MAXIMUM STORAGE * (1000 AC FT)	*CAPACITY * (MW)	*ENERGY (GWH) (3)
COUNTY NAME: LINN													
SMITH DAM (CARNE)	NR000501	SMITH RIVER			44 18.3	123.0	660.0	489.0	225.0	15.0	80.00	101.6	
N-SMITH DIVERSION	NR000469				122 2.7						21.60	27.4	
COUNTY NAME: MALHEUR													
DUNCAN FERRY	NR000003	OWYHEE RIVER			42 54.0	9543.0	1080.0	185.0	218.0	0.0	108.0	0.0	0.0
AROCK	NR000017	JORDAN CREEK			42 53.0	1133.0	510.0	462.0	462.0	0.0	0.0	0.0	0.0
SOLDIER CREEK	NR000018	OWYHEE RIVER			42 44.3	6063.0	690.0	412.0	412.0	0.0	0.0	0.0	0.0
THREE FORKS	NR000019	OWYHEE RIVER			42 33.0	6063.0	690.0	400.0	0.0	0.0	0.0	0.0	0.0
MAHOGANY	NR000020	OWYHEE RIVER			43 12.3	10384.0	0.0	200.0	200.0	0.0	0.0	0.0	0.0
BLACKJACK BUTTE	NR000028	SNAKE RIVER			43 41.4	43110.0	11412.0	40.0	40.0	0.0	0.0	0.0	0.0
MCCLOUGHLIN	NR000054	MALHEUR RIVER			43 57.0	3032.0	220.0	225.0	0.0	0.0	0.0	0.0	0.0
NAMAR	NR000055	MALHEUR			43 47.0	2624.0	360.0	425.0	0.0	0.0	0.0	0.0	0.0
RESERVOIR NUMBER TWO	NR000056	SOUTH FORK MALHEUR			43 41.3	692.0	105.0	300.0	100.0	0.0	0.0	0.0	0.0
UPPER OWYHEE LAKE	NR000059	OWYHEE RIVER			43 16.3	10384.0	1140.0	90.0	0.0	0.0	0.0	0.0	0.0
E	NR000421				43 28.4								

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SENATE SUPPLY, RECREATION,  
DECEMBER CONTROL, FARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.

(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION, DEDICATED CONTROL, RESERVOIR, POND, GEOTHERM

(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)

(3) - ESTIMATED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

- (11) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID,
- (12) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SWAMPY SUPPLY, RECREATION, DRAINAGE CONTROL, FARM POND, OTHER
- (13) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (14) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

Country	Year	Value	Unit
Algeria	1990	1.00	1000
Algeria	1991	1.00	1000
Algeria	1992	1.00	1000
Algeria	1993	1.00	1000
Algeria	1994	1.00	1000
Algeria	1995	1.00	1000
Algeria	1996	1.00	1000
Algeria	1997	1.00	1000
Algeria	1998	1.00	1000
Algeria	1999	1.00	1000
Algeria	2000	1.00	1000
Algeria	2001	1.00	1000
Algeria	2002	1.00	1000
Algeria	2003	1.00	1000
Algeria	2004	1.00	1000
Algeria	2005	1.00	1000
Algeria	2006	1.00	1000
Algeria	2007	1.00	1000
Algeria	2008	1.00	1000
Algeria	2009	1.00	1000
Algeria	2010	1.00	1000
Algeria	2011	1.00	1000
Algeria	2012	1.00	1000
Algeria	2013	1.00	1000
Algeria	2014	1.00	1000
Algeria	2015	1.00	1000
Algeria	2016	1.00	1000
Algeria	2017	1.00	1000
Algeria	2018	1.00	1000
Algeria	2019	1.00	1000
Algeria	2020	1.00	1000
Algeria	2021	1.00	1000
Algeria	2022	1.00	1000
Algeria	2023	1.00	1000
Algeria	2024	1.00	1000
Algeria	2025	1.00	1000
Algeria	2026	1.00	1000
Algeria	2027	1.00	1000
Algeria	2028	1.00	1000
Algeria	2029	1.00	1000
Algeria	2030	1.00	1000
Algeria	2031	1.00	1000
Algeria	2032	1.00	1000
Algeria	2033	1.00	1000
Algeria	2034	1.00	1000
Algeria	2035	1.00	1000
Algeria	2036	1.00	1000
Algeria	2037	1.00	1000
Algeria	2038	1.00	1000
Algeria	2039	1.00	1000
Algeria	2040	1.00	1000
Algeria	2041	1.00	1000
Algeria	2042	1.00	1000
Algeria	2043	1.00	1000
Algeria	2044	1.00	1000
Algeria	2045	1.00	1000
Algeria	2046	1.00	1000
Algeria	2047	1.00	1000
Algeria	2048	1.00	1000
Algeria	2049	1.00	1000
Algeria	2050	1.00	1000
Algeria	2051	1.00	1000
Algeria	2052	1.00	1000
Algeria	2053	1.00	1000
Algeria	2054	1.00	1000
Algeria	2055	1.00	1000
Algeria	2056	1.00	1000
Algeria	2057	1.00	1000
Algeria	2058	1.00	1000
Algeria	2059	1.00	1000
Algeria	2060	1.00	1000
Algeria	2061	1.00	1000
Algeria	2062	1.00	1000
Algeria	2063	1.00	1000
Algeria	2064	1.00	1000
Algeria	2065	1.00	1000
Algeria	2066	1.00	1000
Algeria	2067	1.00	1000
Algeria	2068	1.00	1000
Algeria	2069	1.00	1000
Algeria	2070	1.00	1000
Algeria	2071	1.00	1000
Algeria	2072	1.00	1000
Algeria	2073	1.00	1000
Algeria	2074	1.00	1000
Algeria	2075	1.00	1000
Algeria	2076	1.00	1000
Algeria	2077	1.00	1000

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION, DERRIS CONTROL, P&FARM POND, O&HYEN
- (3) - INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDEN (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (SQ MI)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (MMH) (3)
COUNTY NAME: MARION												
FERC POWER SUPPLY AREA 44   FERC REGIONAL OFFICE CODE   SF												
DEL AIRE RANCH	DRU0522	SHUTTE CREEK	CIR		45 59.0	30.0	100.0	67.0	90.0	4.0	0.0	0.0
	NPP0491				122 35.0						1.37	6.0
SCOTTS MILLS	DRU0539	SHUTTE CREEK	CIR		45 3.0	49.0	164.0	67.0	90.0	7.0	0.0	0.0
	NPP0492				122 37.0						3.24	9.0
VICTOR POINT	DRU0542	DRIFT CREEK	CIR		44 55.5	17.0	58.0	44.0	60.0	13.0	0.0	0.0
	NPP0493				122 45.0						.53	2.3
ZOLLNER CREEK	DRU0543	ZOLLNER CREEK	CIR		45 5.0	7.0	13.0	30.0	40.0	1.0	0.0	0.0
	NPP0494				122 39.0						.08	.3
EBNER	DRU0591	NO-NAME (PUDDING RIVER)	CIR		44 53.5	5.0	12.0	30.0	40.0	4.0	0.0	0.0
	NPP0495				122 47.5						.07	.3
FISHER	DRU0593	DRIFT CREEK	CIR		44 53.5	11.0	37.0	44.0	60.0	3.0	0.0	0.0
	NPP0496				122 43.5						.34	1.5
HANSON	DRU0594	EAST FORK DRIFT CREEK	CIR		44 54.0	4.0	13.0	44.0	60.0	3.0	0.0	0.0
	NPP0497				122 43.0						.12	.5
HAZEL GREEN	DRU0595	LITTLE PUDDING RIVER	CIR		44 55.5	32.0	42.0	19.0	26.0	3.0	0.0	0.0
	NPP0498				122 54.5						.17	.7
LOWER REAVER CREEK	DRU0598	REAVER CREEK	CIR		44 57.0	8.0	14.0	30.0	40.0	5.0	0.0	0.0
	NPP0499				122 50.0						.08	.4
MILLER	DRU0600	MILL CREEK	CIR		44 48.5	11.0	29.0	44.0	60.0	7.0	0.0	0.0
	NPP0500				122 47.0						.27	1.2
SPENNER	DRU0607	MILL CREEK	CIR		44 48.5	9.0	24.0	44.0	60.0	3.0	0.0	0.0
	NPP0501				122 45.0						.22	.9
SALEM	DRU0644	MILL CREEK	H		44 55.5	670.0	3400.0	125.0	0.0	0.0	0.0	0.0
	NPP0502				123 10.0						76.66	282.7
L E G E N D												

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PEAK FLOW, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PRJ#	LATITUDE	DRAINAGE	AVERAGE ANNUAL	NET HEIGHT	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	PURP (2)	(N,M)	(SQ MI)	(CFR)	(FT)	(1000)	(M)	(GWH)
								AC FT	(3)	(3)
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 45	FERC REGIONAL OFFICE CODE	3F			
MILL CITY	NR00090	NORTH SANTIAM R	*	44 45.0	468.0	2006.	50.	0.	0.	0.
	NPP2721	VER	*	122 22.5	*	*	*	18.05	7	70.7
WDP DR000908	NR000908	LITTLE NORTH SANTIAM	*	44 48.0	93.0	660.	300.	237.0	0.	0.
	NPP2710	TIAM	*	122 28.0	*	*	*	53.45	127.7	127.7
COUNTY NAME: MORROW					FERC POWER SUPPLY AREA 44	FERC REGIONAL OFFICE CODE	3F			
RHEA CREEK 3	NR00065	RHEA CREEK	*CIR	45 12.5	33.0	10.	118.	8.0	0.	0.
	NPP0503		*	119 29.0	*	*	*	24	1.1	1.1
RHEA CREEK 2	NR00350	RHEA CREEK	*CIR	45 12.5	38.0	11.	74.	10.0	0.	0.
	NPP0504		*	119 28.5	*	*	*	17	1.7	1.7
ROCK CREEK UPPER	NR00353	ROCK CREEK	*IR	45 9.0	67.0	10.	78.	105.	12.0	0.
	NPP0505		*	119 45.0	*	*	*	17	1.6	1.7
SIXMILE CANYON C	NR00360	SIXMILE CANYON	*CI	45 41.5	65.0	18.	37.	50.	13.0	0.
	NPP0506		*	119 48.0	*	*	*	14	1.4	1.6
BUTTER CREEK	NR00477	NORTH FORK BUTTE	*CIR	45 33.0	291.0	25.	59.	80.	10.0	0.
	NPP0507	R CREEK	*	119 18.0	*	*	*	17	3.1	1.3
WILLOW CREEK NO	NR00579	WILLOW CREEK	*CIR	45 21.0	100.0	18.	50.	67.	1.0	0.
	NPP0508		*	119 30.5	*	*	*	17	1.08	2.4
WILLOW CREEK (HE	NR00581	WILLOW CREEK	*CIR	45 21.5	100.0	3.	107.	145.	12.0	0.
	NPP0509	PPNER)	*	119 32.5	*	*	*	17	2.12	5.1
COUNTY NAME: MULTNOMAH					FERC POWER SUPPLY AREA 44	FERC REGIONAL OFFICE CODE	3F			
BLAZED ALDER	NR01046	BULL RUN RIVER/S	*	45 29.5	32.0	240.	756.	0.	0.	0.
	NPP0510	ANDY RIVER	*	122 .5	*	*	*	17	27.60	120.8

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CRCS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DISEASE CONTROL, FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDEN T	NUMBR R	NAME OF STREAM OR RIVER	PROJ #	PURP #	OWNER	LATITUDE (DM,N)	LONGITUDE (WM,W)	URAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF HEAD (FT)	MAXIMUM STORAGE (MM)	CAPACITY (MM)	ENERGY (KWH)
	(1)	(2)												
COUNTY NAME: MULTNOMAH														
FERC POWER SUPPLY AREA 44   FERC REGIONAL OFFICE CODE 3F														
DEER MEADOW AND BULL RUN LAKE	OR00171	NP0511	BULL RUN RIVER	M			45 30.0	121 56.0	14.0	110.	800.	0.	0.	0.
TROUTDALE	OR00410	NP0512	SANDY RIVER	M			45 31.5	122 22.0	491.0	2640.	127.	0.	0.	0.
INDIAN JOHN	OR00528	NP0513	SANDY RIVER	M			45 28.5	122 16.5	440.0	2360.	180.	0.	0.	0.
BONNEVILLE DAM/2 ND POWERHOUSE/30	OR00001	NP0514	COLUMBIA RIVER	MNR		DAEN NPP	45 38.5	121 56.0	240000.0	176400.	59.	76.	565.	518.40E
BULL RUN LAKE DAM	OR00300	NP0515	BULL RUN RIVER	M		CITY OF PORT LAND	45 27.6	121 50.7	18.0	110.	45.	45.	16.	0.
BULL RUN DAM NUM BER 1	OR00327	NP0516	BULL RUN RIVER	M		CITY OF PORT LAND	45 28.9	112 4.9	74.0	555.	172.	194.	30.	0.
NORTH FORK DAM	OR00536	NP0517	NORTH FORK BULL RUN CREEK	M		CITY OF PORT LAND	45 33.1	122 .3	8.0	81.	34.	34.	1.	0.
COUNTY NAME: POLK														
FERC POWER SUPPLY AREA 44   FERC REGIONAL OFFICE CODE 3F														
GORGE	OR00193	NP0518	HILL CREEK/SOUTH YAMHILL R	M		DOO USBR	44 59.0	123 25.0	30.0	140.	350.	272.	53.	0.
GRAVEL CREEK	OR00090	NP0519	SILETZ RIVER	M			44 58.5	123 42.0	80.0	700.	250.	0.	0.	0.
SEEKAY	OR00234	NP0520	LUCKYAMUTE RIVER	M			44 45.0	123 31.0	28.0	200.	110.	80.	10.	0.
WALLACE BRIDGE	OR00044	NP0521	SOUTH YAMHILL RIVER	M			45 4.0	123 30.0	135.0	620.	70.	108.	150.	0.
L E G E N D														

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
D=DEBRIS CONTROL, P=PAVING, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY: U=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/06/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	ID	NAME OF STREAM	CR	RIVER	PROJ. NUMBER	OWNER	LONGITUDE	DRAINAGE AREA (SQ MI)	ANNUAL INFLW (CFS)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MW)	ENERGY (3)
ELLENDALE CREEK	DRU0592	ELLENDALE CREEK	CR		NPP0522		44 56.5	3.0	7.0	37.0	1.0	0.0
BUEL	DRU0628	MILL CREEK	M		NPP0523		45 28.0	27.0	140.0	250.0	0.0	0.0
PEDEE	DRU0684	LUCKIAMUTE RIVER	CI		NPP0524		44 44.4	114.0	460.0	106.0	80.0	0.0
LEWISVILLE	DRU0859	LITTLE LUCKIAMUTE RIVER	NI		NPP0525		44 48.0	80.0	309.0	72.0	65.0	0.0
MERCER DAM	DRU0524	PICKRELL CREEK	S		NPP0525		44 54.2	18.0	53.0	71.0	2.0	0.0
VALSETZ LAKE DAM (VALSETZ)	DRU0059	SOUTH FORK SILET RIVER	N		NPP0526		45 51.0	18.0	140.0	220.0	90.0	0.0
COUNTY NAME: SHERMAN	DRU0103	JOHN DAY RIVER	H		NPP0527		45 32.0		1980.0	215.0	999.0	0.0
JACK KNIFE	DRU0240	JOHN DAY RIVER	HC		NPP0528		45 40.0	7807.0	2000.0	340.0	460.0	0.0
TENMILE FALLS	DRU0609	JOHN DAY RIVER	I		NPP0529		45 16.8	6924.0	1980.0	120.0	4.0	0.0
BULL BASIN	DRU0011	COLUMBIA RIVER	HCNR	DAEN NPP	NPP0529		45 43.0	22600.0	165200.0	105.0	2530.0	0.0
JOHN DAY	DRU0529						120 41.1					0.0

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - ESTIMATED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   O R E G O N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ NUMBER	PURP (2)	OWNER	LATITUDE (N)	LONGITUDE (W)	ORAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (GWH) (3)
COUNTY NAME: TILLAMOOK														
FENC POWER SUPPLY AREA 04   FENC REGIONAL OFFICE CODE 9F														
BARK SHANTY	ORU0079	NORTH FORK TRASK RIVER					45 27.5	123 34.0	75.0	495	180	200	27	0.0
	NPP0530	RIVER												13.50
BLAINE	ORU0080	NESTLCCA RIVER					45 15.5	123 41.0	94.0	516	455	250	289	0.0
	NPP0531													55.28
FOX CREEK	ORU0087	WILSON RIVER					45 29.5	123 40.5	131.0	1040	222	0	0	0.0
	NPP0532													70.22
GINGER PEAK	ORU0092	TRASK RIVER					45 27.0	123 41.0	140.0	960	250	260	300	0.0
	NPP0533													84.51
HOLLYWOOD	ORU0094	SOUTH FORK TRASK RIVER					45 25.0	123 35.0	49.0	325	200	200	34	0.0
	NPP0534	RIVER												10.00
JORDAN	ORU0104	WILSON RIVER					45 33.5	123 34.5	101.0	755	175	0	0	0.0
	NPP0535													42.68
KEYHOLE	ORU0107	NORTH FORK TRASK RIVER					45 27.0	123 34.5	57.0	382	95	110	7	0.0
	NPP0536	RIVER												5.50
NEHALEM FALLS-LO	ORU0127	NEHALEM RIVER					45 42.5	123 45.0	660.0	2585	83	83	0	0.0
	NPP0537													77.32
NEHALEM FALLS-HI	ORU0128	NEHALEM RIVER					45 42.5	123 45.0	660.0	2585	330	340	362	0.0
	NPP0538													307.41
ALDER GLEN	ORU0138	NESTLCCA RIVER					45 18.1	123 29.5	46.0	255	365	400	140	0.0
	NPP0539													14.10
MILE NINE	ORU0164	TRASK RIVER					45 13.5	123 52.0	145.0	959	70	70	0	0.0
	NPP0540													7.27
MILE 12.5	ORU0165	TRASK RIVER					45 14.0	123 50.0	140.0	927	70	70	0	0.0
	NPP0541													7.02

L E G E N D

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(3) - E=INSTALLED CAPACITY AND ENERGY   N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
          U=INSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	*LATITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW * (CFS)	*NET HEIGHT OF HEAD * (FT)	*STORAGE CAPACITY * (1000 AC FT)	*ENERGY (GWH) (3)
COUNTY NAME: TILLAMOOK									
12 RA NO. 29	*ORU0167*	NESTUCCA RIVER	*H	*45 11.0	*0.	*0.	*170.	*0.	*0.
	*NPP0542*			*123 58.0				*3.40	*23.6
LITTLE NESTUCCA RIVER	*ORU0203*	LITTLE NESTUCCA RIVER	*H	*45 6.5	*33.0	*161.	*140.	*22.	*0.
	*NPP0543*			*123 51.5				*3.40	*15.0
LITTLE NESTUCCA RIVER DIVERSION	*ORU0204*	LITTLE NESTUCCA RIVER	*H	*45 7.5	*41.0	*205.	*360.	*132.	*0.
	*NPP0544*			*123 53.0				*11.20	*49.1
T-6/TRASK	*ORU0239*	TRASK RIVER	*H	*45 27.0	*137.0	*905.	*210.	*120.	*0.
	*NPP0545*			*123 42.5				*69.47	*103.6
CLEAR CREEK	*ORU0265*	NORTH FORK TRASK	*H	*45 28.0	*53.0	*350.	*200.	*39.	*0.
	*NPP0546*			*123 29.0				*5.33	*13.0
STONEHILL	*ORU0397*	NEHALEM RIVER	*H	*45 41.5	*700.0	*2900.	*42.	*3.	*0.
	*NPP0547*			*123 46.0				*41.50	*82.0
T-2	*ORU0402*	NORTH FORK TRASK	*H	*45 28.0	*0.	*522.	*126.	*38.	*0.
	*NPP0548*			*123 36.0				*13.00	*59.0
T-4	*ORU0403*	SOUTH FORK TRASK	*H	*45 25.0	*49.0	*326.	*111.	*50.	*0.
	*NPP0549*			*123 36.5				*7.43	*32.0
WAKEFIELD	*ORU0416*	NEHALEM RIVER	*H	*43 44.0	*647.0	*2498.	*62.	*0.	*0.
	*NPP0550*			*123 42.0				*4.78	*21.2
WAKEFIELD UPPER	*ORU0419*	NEHALEM RIVER	*H	*45 45.0	*644.0	*2483.	*163.	*150.	*0.
	*NPP0551*			*123 38.5				*147.81	*292.0
CEDAR CREEK	*ORU0426*	WILSON RIVER	*H	*45 33.5	*100.0	*755.	*239.	*250.	*0.
	*NPP0552*			*123 34.5				*57.71	*119.3
CITY OF FOREST ROVE	*ORU0483*	DEVILS LAKE FORK	*H	*45 37.0	*5.0	*21.	*44.	*2.	*0.
	*NPP0553*			*123 21.0				*.19	*.8

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. PURPOSE	OWNER	LATITUDE (N)	LONGITUDE (W)	AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER OF DAM (MW)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (GAL)	ENERGY (KWH)
12 RA NO. 38	ORU0611	WILSON RIVER	H	NPPO554	45 30.0	123 48.0	195.0	1360.	165.	165.	0.0	0.0
12 RA NO. 39	ORU0612	WILSON RIVER	H	NPPO555	45 30.0	123 48.0	195.0	1360.	145.	145.	0.0	0.0
12 RA NO. 40	ORU0613	WILSON RIVER	H	NPPO556	45 30.0	123 48.0	195.0	1360.	110.	110.	0.0	0.0
12 RA NO. 41	ORU0614	WILSON RIVER	H	NPPO557	45 30.0	123 48.0	195.0	1360.	80.	80.	0.0	0.0
KILCHIS	ORU0666	KILCHIS RIVER	H	NPPO558	45 31.5	123 47.0	38.0	175.	400.	320.	0.0	0.0
T-6/TRASK GINGER PEAK	ORU0701	TRASK RIVER	DOCH	NPPO559	45 27.0	123 42.5	140.0	960.	250.	260.	300.0	0.0
BEAVER CREEK	ORU0803	BEAVER CREEK	H	NPPO560	45 18.0	123 50.0	26.0	156.	105.	130.	112.0	0.0
ELK CREEK	ORU0824	NESTUCCA RIVER	H	NPPO561	45 16.2	123 33.2	37.0	205.	210.	220.	27.0	0.0
NESTUCCA RIVER-SOA	ORU0877	NESTUCCA RIVER	H	NPPO562	45 16.8	123 32.5	28.0	143.	105.	115.	3.0	0.0
COUNTY NAME: UMATILLA												
ELBOW CREEK	ORU0029	SOUTH FORK WALLA RIVER	H	NPPO438	45 50.3	118 11.3	63.0	175.	450.	0.0	0.0	0.0
ROGERS CANYON	ORU0030	SOUTH FORK WALLA RIVER	H	NPPO439	45 50.0	118 6.0	15.0	45.	800.	0.0	0.0	0.0

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION,  
(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ# PURP# (2)	OWNER	LATITUDE (N, M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (GWH) (3)	ENERGY (3)
COUNTY NAME: UMATILLA												
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SP												
JOE WEST DAM	ORU0062	WALLA WALLA RIVER	ICSR		45 33.0	97.0	180.0	220.0	269.0	95.0	0.0	0.0
	NPP0440R				118 20.2						4.40	19.3
RYAN CREEK	ORU0071	UMATILLA RIVER	CI		45 43.0	125.0	165.0	310.0	388.0	143.0	0.0	0.0
	NPP0560				118 19.0						19.13	46.8
WILDMORSE CREEK	ORU0082	WILDMORSE CREEK	NO		45 46.0	15.0	10.0	74.0	100.0	16.0	0.0	0.0
	NPP0575				118 26.5						.15	.7
BINGHAM SPRINGS	ORU00A3	UMATILLA RIVER	CI		45 44.0	93.0	165.0	290.0	0.0	0.0	0.0	0.0
	NPP0561				118 13.0						13.98	55.3
HOMLY	ORU009R	UMATILLA RIVER	CI		45 40.5	374.0	220.0	420.0	0.0	0.0	0.0	0.0
	NPP0562				118 30.0						14.00	61.5
MISSION	ORU0120	UMATILLA RIVER	CI		45 40.0	370.0	650.0	126.0	170.0	142.0	0.0	0.0
	NPP0563				118 38.0						2.01	4.7
DALE	ORU0170	NORTH FORK JOHN DAY RIVER	CI		45 7.0	990.0	600.0	110.0	260.0	186.0	0.0	0.0
	NPP0564				119 8.0						37.18	76.5
CANAS CREEK	ORU0259	CANAS CREEK	CI		45 9.0	105.0	92.0	63.0	85.0	12.0	0.0	0.0
	NPP0565				118 51.0						1.19	5.2
STAGE GULCH 1	ORU0287	STAGE GULCH	CI		45 47.5	85.0	6.0	37.0	50.0	6.0	0.0	0.0
	NPP0566				119 7.5						.05	.2
TUTUILLA CREEK	ORU0292	TUTUILLA CREEK	CI		45 39.0	62.0	16.0	89.0	120.0	12.0	0.0	0.0
	NPP0567				118 47.5						.29	1.3
MCKAY CREEK	ORU0327	MCKAY CREEK	CI		45 27.0	60.0	51.0	74.0	100.0	16.0	0.0	0.0
	NPP0568				118 35.0						.77	3.4
SNIPE CREEK	ORU0362	SNIPE CREEK	CI		45 12.5	29.0	21.0	70.0	95.0	52.0	0.0	0.0
	NPP0569				118 58.0						.31	1.4

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, PAFARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

[illegible]

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - DISEASIS CONTROL, PEFARM POND, OTHER  
(4) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(5) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	LONGITUDE (DM.M)	OWNER	AREA (SQ MI)	AVERAGE ANNUAL INFLU (CFS)	NET POWER (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MWH)	ENERGY (3)
	(1)		(2)								
COUNTY NAME: UNION											
MILE 72	*DRU0033*	GRANDE RONDE RIVER	*H*	*45 41.0	*2598.0*	*175.0*	*2500.0*	*0.0*	*0.0*	*0.0*	*0.0*
	*NPW0442*			*117 45.0							*106.39*
MORSE RANCH	*DRU0035*	MINA WALLOWA RIVER	*H*	*45 25.0	*142.0*	*470.0*	*400.0*	*0.0*	*0.0*	*0.0*	*0.0*
	*NPW0443*	EVERS		*117 40.3							*44.54*
LOWER GRANDE RONDE DAM	*DRU0060*	GRANDE RONDE RIVER	*ICSR*	*45 18.6	*505.0*	*123.0*	*270.0*	*184.0*	*160.0*	*0.0*	*0.0*
	*NPW0444*			*118 16.0							*3.02*
CATHERINE CREEK	*DRU0061*	CATHERINE CREEK	*ICSR*	*45 6.6	*96.0*	*234.0*	*120.0*	*210.0*	*61.0*	*0.0*	*0.0*
	*NPW0445*			*117 39.1							*2.57*
JUBILEE MEADOWS DAM	*DRU0453*	HONETT CREEK	*R*	*45 49.6	*8.0*	*425.0*	*25.0*	*44.0*	*2.0*	*0.0*	*0.0*
	*NPW0446*			*117 57.5							*.99*
COUNTY NAME: WALLOWA											
LOW MOUNTAIN SHEEP REREGULATING	*DRU0001*	SNAKE RIVER	*H*	*45 49.2	*7400.0*	*158.0*	*0.0*	*158.0*	*0.0*	*0.0*	*0.0*
	*NPW0447*			*116 44.4							*348.00*
PLEASANT VALLEY	*DRU0011*	SNAKE RIVER	*H*	*45 39.1	*73600.0*	*282.0*	*0.0*	*382.0*	*1051.0*	*0.0*	*0.0*
	*NPW0414*			*116 29.4							*2100.00*
RONDOWA	*DRU0013*	GRANDE RONDE RIVER	*H*	*45 45.0	*2555.0*	*310.0*	*2100.0*	*420.0*	*660.0*	*0.0*	*0.0*
	*NPW0448*			*117 46.4							*134.00*
ELBOW CREEK	*DRU0014*	GRANDE RONDE RIVER	*H*	*45 52.1	*2900.0*	*382.0*	*2300.0*	*300.0*	*71.0*	*0.0*	*0.0*
	*NPW0449*			*117 38.5							*310.00*
TROY	*DRU0015*	GRAND RONDE RIVER	*H*	*45 54.6	*3275.0*	*170.0*	*2300.0*	*170.0*	*0.0*	*0.0*	*0.0*
	*NPW0450*			*117 27.4							*176.00*
NEZ PERCE	*DRU0021*	SNAKE RIVER	*H*	*45 52.9	*88670.0*	*615.0*	*30000.0*	*595.0*	*4500.0*	*0.0*	*0.0*
	*NPW0451*			*116 49.1							*4500.00*

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CROCOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION,  
DEBRIS CONTROL, PEST POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CN RIVER	PURPOSE (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MM) (3)	ENERGY (MM) (3)
COUNTY NAME: WALLOWA											
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SP											
APPALOOSA	ORU0022	SNAKE RIVER	M	PNMCP AND WP	45 47.6	75000.0	185.	425.	2413.	0.	0.
	NPW0452			PS	116 40.7					2500.00	5396.2
MOUNTAIN SHEEP	ORU0024	SNAKE RIVER	M		45 49.2	74700.0	0.	168.	143.	0.	0.
EREGULATING PLAN	NPW0453				116 44.4					700.00	1603.0
HIGH MOUNTAIN	ORU0025	SNAKE RIVER	M	PNMCP AND WP	45 50.9	74700.0	0.	550.	580.	0.	0.
EEP	NPW0454			PS	116 47.2					3698.00	6482.4
LITTLE MINAM	ORU0027	MINAM RIVER	M		45 35.0	171.0	480.	670.	590.	0.	0.
	NPW0455				117 43.5					48.80	214.1
CROSS CANYON	ORU0031	MINENHA RIVER	M		45 57.2	194.0	200.	500.	200.	0.	0.
	NPW0456				117 30.3					47.89	117.1
WILDCAT CREEK	ORU0032	GRANDE RONDE RIVER	M		45 53.5	2658.0	2500.	188.	0.	0.	0.
	NPW0457				117 31.2					124.92	341.8
MILE 59	ORU0034	GRANDE RONDE RIVER	M		45 52.0	2698.0	2600.	117.	117.	0.	0.
	NPW0458				117 35.3					73.67	109.7
WALLOWA	ORU0036	WALLOWA RIVER	M		45 36.3	612.0	810.	690.	0.	0.	0.
	NPW0459				117 36.3					98.61	253.8
COLD SPRINGS	ORU0037	LOSTINE RIVER	M		45 26.3	44.0	125.	1120.	0.	0.	0.
	NPW0460				117 25.0					51.12	93.1
WADE GULCH	ORU0038	WALLOWA RIVER	M		45 27.3	250.0	590.	160.	0.	0.	0.
	NPW0461				117 23.0					4.22	19.0
IMNAHA	ORU0039	IMNAHA RIVER	M		45 34.0	622.0	300.	480.	0.	0.	0.
	NPW0462				116 30.3					226.88	518.6
TUNNEL	ORU0040	IMNAHA RIVER	M		45 6.3	81.0	185.	2477.	0.	0.	0.
	NPW0463				116 45.3					166.33	380.2
LEGEND											

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(2) DEDEBRIS CONTROL, P&FARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

IN THE STATE OF OREGON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION,
- (3) DECEBETS CONTROL, PEAFAM POND, C&OTHER
- (3) - ESTABLISHED CAPACITY AND ENERGY NENEH INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDNT	NAME OF STREAM OR RIVER	PHOJ	LAITUDE	DRAINAGE	ANNUAL	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	NUMBER		PUMP	(2)	AREA	INFLU	POWER	DF					
	(1)				(SQ MI)	(CFS)	HEAD	DM	(FT)	AC FT	(MM)	(3)	(3)
COUNTY NAME: WAGG													
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF													
DAM BROOK	ORU0131	DESCHUTES RIVER	M	45 18.0	10295.0	5780.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0587			120 59.0							60.01	313.7	
FRIEDA	ORU0184	DESCHUTES RIVER	M	45 3.1	9400.0	5300.0	145.0	178.0	0.0	0.0	0.0	0.0	0.0
	NPP0588			121 7.1								58.00	342.0
WHITE RIVER	ORU0254	WHITE RIVER	M	45 14.0	221.0	390.0	313.0	415.0	202.0	0.0	0.0	0.0	0.0
	NPP0589			121 10.5							18.44	63.1	
SCHOOLIE	ORU0386	ARM SPRINGS RIVER	I	44 57.5	95.0	151.0	74.0	100.0	100.0	0.0	0.0	0.0	0.0
	NPP0590			121 35.0							2.31	10.1	
SINANOX	ORU0390	DESCHUTES RIVER	M	45 21.0	10340.0	5790.0	100.0	104.0	0.0	0.0	0.0	0.0	0.0
	NPP0591			120 54.5							81.52	420.5	
SHERAR FALLS	ORU0391	DESCHUTES RIVER	M	45 15.5	10060.0	5750.0	160.0	120.0	0.0	0.0	0.0	0.0	0.0
	NPP0592			121 .5							126.89	654.6	
TROUT CREEK	ORU0409	DESCHUTES RIVER	M	44 50.0	8692.0	4820.0	133.0	0.0	0.0	0.0	0.0	0.0	0.0
	NPP0593			121 4.0							91.14	470.1	
WHITEHORSE RAPID	ORU0411	DESCHUTES RIVER	M	44 58.0	0.0	0.0	138.0	122.0	0.0	0.0	0.0	0.0	0.0
	NPP0594			121 3.0							38.50	290.0	
NORTH JUNCTION	ORU0679	DESCHUTES RIVER	M	44 58.7	9281.0	5280.0	185.0	185.0	0.0	0.0	0.0	0.0	0.0
	NPP0595			121 3.6							135.36	698.2	
JAP HOLLOW	ORU0849	JAP HOLLOW	RCI	45 30.6	60.0	69.0	115.0	157.0	25.0	0.0	0.0	0.0	0.0
	NPP2703			121 7.5							1.20	5.3	
WHITE RIVER	ORU0917	WHITE RIVER	I	45 9.0	80.0	220.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0
	NPP2784			121 30.5							3.07	13.8	
THE DALLIES	ORU0002	COLUMBIA RIVER	MNRI	45 36.9	237000.0	165200.0	83.0	114.0	330.0	1806.80	1806.80	1806.80	1806.80
	NPP0596			121 6.0							738.75	2598.1	
L E G E N D													

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(2) - PROJECT PURPOSE: I=IRRIGATION, M=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
O=OTHERS CONTROL, P=PAVING, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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PROJECT NAME	IDNT	NAME OF STREAM	PROJ#	PLATTUDE	DRAINAGE	AVERAGE	NET	HEIGHT*	MAXIMUM*	CAPACITY*	ENERGY
	NUMBER*	CR RIVER	PURP*	*LONGITUDE*	AREA	ANNUAL*	POWER*	OF	STORAGE*	(MM)	(GPM)
	(1)		(2)	(DN,M)	(SQ MI)	(CFG)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: WABCO											
TYGGE VALLEY STORE	0000270	TYGGE CREEK	00	45 14.8	368.0*	430.*	205.*	12.*	0.0E	2.25E	13.3
AGE DAM	NPP0597	BEAR/WHITE R		121 11.0						13.40N	58.7
WABCO DAM	0000326	CLEAR CREEK	IR	45 10.5	8.0*	20.*	36.*	40.*	16.0E	0.0E	0.0
	NPP0598			121 41.3						.26N	1.1
CROW CREEK DAM	0000464	SOUTH FORK HILL	S	45 28.5	4.0*	3.*	89.*	105.*	1.0E	0.0E	0.0
	NPP0599	CREEK		121 27.1						.14N	.6
COUNTY NAME: WASHINGTON											
MCKAY CREEK	0000328	MCKAY CREEK	S	44 43.5	24.0*	42.*	52.*	71.*	7.0U	0.0U	0.0
	NPP0600			123 50.0						.46E	2.0
UDP 000371	0000371	FK DAIRY CR TR	H	45 41.5	5.0*	11.*	44.*	60.*	2.0U	0.0U	0.0
	NPP0601	IBUTARY		123 13.0						.10E	.4
UDP 000372	0000372	MCKAY CREEK	H	45 39.0	23.0*	41.*	59.*	80.*	6.0U	0.0U	0.0
	NPP0602			123 0.						.50E	2.2
UDP 000373	0000373	MCREE CREEK	H	45 23.0	9.0*	15.*	33.*	45.*	1.0U	0.0U	0.0
	NPP0603			122 58.0						.10E	.5
TOLKE CREEK	0000381	WITCHER CREEK	H	45 .5	4.0*	8.*	70.*	95.*	4.0U	0.0U	0.0
	NPP0604			123 12.0						.12E	.5
UDP 000535	0000535	GALES CREEK	H	45 39.0	14.0*	47.*	112.*	152.*	16.0U	0.0U	0.0
	NPP0605			123 20.0						.10E	4.7
UDP 000536	0000536	EAST FORK DAIRY	H	45 42.0	25.0*	64.*	89.*	120.*	7.0U	0.0U	0.0
	NPP0606	CREEK		123 4.5						.11E	5.1
FOREST DALE	0000652	TUALATIN RIVER/S	H	45 26.5	31.0*	120.*	500.*	160.*	5.0U	0.0U	0.0
	NPP0607	COGGINS CREEK		123 12.5						.17E	33.7

LEGGEND

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- (3) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURPOSE (2)	OWNER	LATITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER OF DAM (1000 KW) (3)	STORAGE CAPACITY (3)	ENERGY
CAMP FIVE	ORU0010	MID FORK OF TRASK R	I		45 27.0	9.0	48	950	0	0
GALES CREEK NUMBER 2A	ORU0034	GALES CREEK	S		123 30.5	65.0	232	90	41	0
GASTON	ORU0036	TUALATIN RIVER	S		45 33.6	42.0	170	100	70	0
GLENWOOD	ORU0040	GALES CREEK	I		123 12.0	34.0	115	106	45	0
SCOGGINS	ORU0094	SCOGGINS CREEK	CS		45 25.8	39.0	115	116	61	0
TRASK RIVER DAM	ORU0025	MID FORK OF TRASK R	S	CITY OF HILL	45 26.8	8.0	34	51	4	0
COUNTY NAME: WHEELER	ORU0060	FRK TRASK R		SRHC	123 23.7					
HODGIE DOOGIE	ORU0096	JOHN DAY RIVER	M		44 48.0	4976.0	1840	120	0	0
KAHLER CREEK LOWER	ORU0031	KAHLER CREEK	I		119 55.0	36.0	6	48	65	0
MOUNTAIN CREEK	ORU0033	MOUNTAIN CREEK	IR		44 52.5	29.0	8	41	55	0
ROCK CREEK	ORU0032	ROCK CREEK	M		119 48.0	83.0	31	89	120	0
SPRAY KIMBERLY	ORU0032	JOHN DAY RIVER	M		44 45.5	4765.0	1740	280	300	0
	ORU0061				119 39.5					

LEGEND  
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(3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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PROJECT NAME	IDNT NUMBER	NAME OF STREAM CR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFD)	NET PWER (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MWH) (3)	ENERGY (GWH) (3)
COUNTY NAME: WHEELER												
TWICKENHAM	ORU0411	JOHN DAY RIVER	M		44 44.5	5594.0	1900.	260.	0.	0.0	0.	0.
	NPP0619				120 21.0					171.96	362.4	
BERRY	ORU0804	JOHN DAY RIVER	M		44 48.6	4670.0	1790.	50.	50.	0.0	0.	0.
	NPP2690				119 46.0					6.85	32.1	
COUNTY NAME: YAMHILL												
BAKER CREEK MCMT	DRP0615	BAKER CREEK	DM	UNKNOWN	45 12.6	0.	0.	230.	0.	0.0	0.0	0.0
NNVILLE	NPP0615				123 15.0					9.68	9.5	
FAIRDALE LOWER	ORU0179	NORTH YAMHILL	M		45 31.5	50.0	180.	210.	0.	0.0	0.	0.
	NPP0616	ever			123 17.5					3.30	13.7	
BUCK HOLLOW	ORU0257	WILLAMINA CREEK	CI		45 8.5	61.0	229.	174.	235.	160.0	0.0	0.0
	NPP0617				123 29.0					8.18	35.8	
TINDLE CREEK	ORU0289	TINDLE CREEK	CI		45 7.5	6.0	15.	37.	50.	2.0	0.0	0.0
	NPP0618				123 30.0						.12	.5
MUDDY CREEK LOWER	ORU0332	MUDDY CREEK	CI		45 8.0	12.0	25.	21.	29.	2.0	0.0	0.0
	NPP0619				123 18.5						.12	.5
MUDDY CREEK UPPER	ORU0333	MUDDY CREEK	CI		45 9.5	7.0	13.	37.	50.	5.0	0.0	0.0
	NPP0620				123 19.0						.10	.4
PANTHER CREEK	ORU0344	PANTHER CREEK	CI		45 17.0	12.0	37.	39.	53.	3.0	0.0	0.0
	NPP0621				123 16.0						.30	1.3
ROCK CREEK	ORU0354	ROCK CREEK	CI		45 6.5	6.0	13.	50.	67.	4.0	0.0	0.0
	NPP0622				123 25.5						.13	.6
WILLAMINA CREEK LOWER	ORU0417	WILLAMINA CREEK	CI		45 7.5	67.0	225.	73.	99.	22.0	0.0	0.0
	NPP0623				123 29.0						3.39	14.9

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- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

# POTENTIAL HYDROPOWER SITES

IN THE STATE OF OREGON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (N, M)	LONGITUDE (W, M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	POWER (FT)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (GPM)	ENERGY (3)
COUNTY NAME: YAMHILL															
FAIRDALE UPPER	08U0432	N YAMHILL RIVER		CIR		45 21.0	123 19.0	25.0	124	40	54		4.0	0	0
	NPP0624													1.01	4.4
MOORES VALLEY	08U0436	HASKINS CREEK		CIR		45 20.5	123 18.0	15.0	64	80	108		25.0	0	0
	NPP0625													1.06	4.6
BAKER CREEK	08U0459	BAKER CREEK		CIR		45 13.0	123 16.0	15.0	33	30	40		1.0	0	0
	NPP0626													.20	.9
COSPER CREEK	08U0487	COSPER CREEK		CIR		45 7.5	123 35.0	4.0	14	30	40		1.0	0	0
	NPP0627													.09	.4
COAST CREEK	08U0499	COAST CREEK		IR		45 9.0	123 31.5	9.0	31	67	90		3.0	0	0
	NPP0628													.43	1.9
DUPEE CREEK	08U0492	DUPEE CREEK		IR		45 8.0	123 20.5	4.0	8	35	47		1.0	0	0
	NPP0629													.06	.2
DEER CREEK NO 4	08U0493	DEER CREEK		CIR		45 11.5	123 21.5	11.0	32	53	72		3.0	0	0
	NPP0630													.35	1.5
WILLAMINA CREEK UPPER	08U0575	WILLAMINA CREEK		IR		45 10.5	123 30.0	25.0	83	55	75		4.0	0	0
	NPP0631													.95	4.2
AGENCY CREEK	08U0585	AGENCY CREEK		CIR		45 6.5	123 37.5	18.0	84	52	70		4.0	0	0
	NPP0632													.89	3.9
CEDAR CREEK	08U0598	SOUTH YAMHILL HI-CI		IR		45 6.0	123 37.5	15.0	64	115	155		58.0	0	0
	NPP0633	VER												1.50	6.6
DEER CREEK NO 1	08U0590	DEER CREEK		CIR		43 6.5	123 21.0	33.0	78	15	20		1.0	0	0
	NPP0634													.24	1.0
PALMER CREEK	08U0602	PALMER CREEK		IR		45 13.0	123 5.0	33.0	30	44	60		12.0	0	0
	NPP0635													.28	1.2

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE IO,
- (2) - PROJECT PURPOSES I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SWATER SUPPLY, R=RECREATION, O=ORCHARIS CONTROL, P=PAWM POND, D=DOTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/09/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF OREGON

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*****
* ID# * NAME OF STREAM * PROJ# * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * CR RIVER * PUMP * * LONGITUDE * AREA * INFLW * HEAD * OF * STORAGE * CAPACITY * ENERGY *
* (1) * * (2) * * (DM,M) * (SQ MI) * (CF9) * (FT) * (FT) * (AC FT) * (3) * (3) *
*****
COUNTY NAME: YAMHILL
*****
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F
*****
TURNER CREEK *ORU0608*TURNER CREEK *CIR * * 45 22.0 * 0. * 49. * 40. * 54. * 3. *U 0. *U 0.
*NP0636* * * * *123 15.0 * * * * * * * * * *T .40 *T 1.7
*****
UDP ORU0609 *ORU0609*YAMHILL TRIBUT *CIR * * 45 22.5 * 5.0 * 10. * 74. * 100. * 6. *U 0. *U 0.
*NP0637*ARY * * * * *123 13.0 * * * * * * * * * *T .16 *T .7
*****
MCHINNVILLE DAM *OR00514*NESTUCCA RIVER *S *CITY OF MCHIN 45 18.6 * 9.0 * 40. * 183. * 64. * 4. *E 0. *E 0.
4-C (HEADON LAKE)*NP0636* * * * *123 24.5 * * * * * * * * * *N 2.00 *N 4.2
*****
COUNTY NAME: 45
*****
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F
*****
GALENA *ORU0633*MIDDLE FORK JOHN *H * * 44 42.0 * 312.0 * 140. * 220. * 220. * 180. *U 0. *U 0.
*NP2708* DAY RIVER * * * * *118 49.0 * * * * * * * * * *T 3.35 *T 13.8
*****
*****
L E G E N D
*****
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(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, M=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
(2) - E=DEBRIS CONTROL, P=FAH POND, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



AD-A075 962

INSTITUTE FOR WATER RESOURCES (ARMY) FORT BELVOIR VA  
NATIONAL HYDROELECTRIC POWER RESOURCES STUDY. PRELIMINARY INVEN--ETC(U)  
JUL 79 W R SIGLEO , J R HANCHEY , D G NOLTON

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UNCLASSIFIED

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3 OF 3

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STATE OF WASHINGTON



( 07/08/79 )

... PRELIMINARY ESTIMATE ...

# PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF MASSACHUSETTS

POTENTIAL INCREMENTAL CAPACITY RANGES											
	0-15 MW	15 MW - 25 MW	25 MW - 50 MW	50 MW - 75 MW	75 MW - 100 MW	100 MW - 150 MW	150 MW - 200 MW	200 MW - 250 MW	250 MW - 300 MW	300 MW - 350 MW	TOTAL
NUMBER	1	1	1	1	1	1	1	1	1	1	1
CAPACITY	9.8	10.1	2.8	13.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7
ENERGY	9.8	45.5	11.3	56.9	0.0	0.0	0.0	0.0	0.0	0.0	120.5
NUMBER	3	30	11	41	0	0	0	0	0	0	85
CAPACITY	7.2	41.9	59.0	101.8	0.0	0.0	0.0	0.0	0.0	0.0	210.9
ENERGY	40.0	185	279	464	0.0	0.0	0.0	0.0	0.0	0.0	964
NUMBER	4	11	4	15	0	0	0	0	0	0	34
CAPACITY	30.6	22.6	18.3	40.9	0.0	0.0	0.0	0.0	0.0	0.0	112.4
ENERGY	251	92.4	78.2	171	0.0	0.0	0.0	0.0	0.0	0.0	592
NUMBER	15	16	86	102	2	7	44	51	24	27	307
CAPACITY	109	111	682	793	45.7	130	865	995	1103	1103	5688
ENERGY	547	363	2937	3300	192	446	3103	3544	4860	13836	26999
NUMBER	23	79	105	184	2	7	50	57	35	38	395
CAPACITY	157	185	762	948	45.7	130	977	1107	1172	13167	13882
ENERGY	847	686	3306	3991	192	446	3592	4036	8349	19499	84538
TOTAL											
NUMBER	1	1	1	1	1	1	1	1	1	1	1
CAPACITY	9.8	10.1	2.8	13.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7
ENERGY	9.8	45.5	11.3	56.9	0.0	0.0	0.0	0.0	0.0	0.0	120.5
NUMBER	3	30	11	41	0	0	0	0	0	0	85
CAPACITY	7.2	41.9	59.0	101.8	0.0	0.0	0.0	0.0	0.0	0.0	210.9
ENERGY	40.0	185	279	464	0.0	0.0	0.0	0.0	0.0	0.0	964
NUMBER	4	11	4	15	0	0	0	0	0	0	34
CAPACITY	30.6	22.6	18.3	40.9	0.0	0.0	0.0	0.0	0.0	0.0	112.4
ENERGY	251	92.4	78.2	171	0.0	0.0	0.0	0.0	0.0	0.0	592
NUMBER	15	16	86	102	2	7	44	51	24	27	307
CAPACITY	109	111	682	793	45.7	130	865	995	1103	1103	5688
ENERGY	547	363	2937	3300	192	446	3103	3544	4860	13836	26999
NUMBER	23	79	105	184	2	7	50	57	35	38	395
CAPACITY	157	185	762	948	45.7	130	977	1107	1172	13167	13882
ENERGY	847	686	3306	3991	192	446	3592	4036	8349	19499	84538
TOTAL											

## LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT  
 COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS  
 COLUMN 3 = UNDEVELOPED POTENTIAL  
 COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)  
 CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)  
 ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DROUGHT CONTROL, FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDEN NUMBER	NAME OF STREAM CR RIVER	PROJ PURP (1)	OWNER	LATITUDE (2)	DRAINAGE AREA (SQ MI)	ANNUAL INFLW (CFS)	NET WEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	MAXIMUM ENERGY (MWH) (3)
COUNTY NAME: BENTON										
CHANDLER	WA03002 NP0167	YAKIMA R	HI	BUREAU OF RE CLAMATION	46 15.6 119 35.0	5452.0	3655	121	0.0	12.00E 80.0 N 63.60E 210.0
COUNTY NAME: CHELAN										
BEACON HILL ABOV E ELEV 612	WA05075 NP0168	WENATCHEE RIVER			47 27.9 120 21.1	1301.0	3880	80	0.0	0.0 0.0 107.38E 256.3
MONITOR ELEV ABO VE 695 - FERC	WA05076 NP0169	WENATCHEE RIVER	HC		47 30.0 120 25.0	1165.0	3580	218	0.0	0.0 0.0 199.33E 479.3
LEAVENWORTH	WA05080 NP0170	WENATCHEE RIVER	HC		47 35.1 120 40.0	670.0	2500	622	0.0	0.0 0.0 390.88E 932.9
PLAIN	WA05082 NP0171	WENATCHEE	HC		47 43.0 120 39.9	592.0	2320	117	0.0	0.0 0.0 77.06E 189.5
BEAVER CREEK	WA05083 NP0172	WENATCHEE RIVER	HC		47 46.1 120 39.4	592.0	2260	60	0.0	0.0 0.0 39.52E 97.2
ABOVE ELEV 1110	WA05084 NP0173	ICICLE CREEK			47 34.8 120 40.0	213.0	625	286	0.0	0.0 0.0 74.76E 200.0
8 MILE CR RES TO ICICLE CANAL	WA05086 NP0174	ICICLE CREEK	HC		47 28.8 120 44.0	190.0	880	664	0.0	0.0 0.0 154.83E 418.2
TROUT CR RES TO 8 MILE FLAT RES	WA05087 NP0175	ICICLE CREEK	HC		47 33.6 120 52.0	80.0	52	530	0.0	0.0 0.0 3.13E 14.3
REACH FROM S F O TROUT CR RES	WA05088 NP0176	ICICLE CRK	HC		47 33.6 120 52.0	80.0	372	235	0.0	0.0 0.0 25.50E 61.3
EIGHT MILE FLAT DIVR	WA05089 NP0177	ICICLE CREEK	HC		47 33.6 120 52.0	180.0	834	704	0.0	0.0 0.0 135.52E 416.0

LEGEND

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D=DEBRIS CONTROL, P=PAH POND, D=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(4) - INSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	UNHEM	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEIGHT	MAXIMUM OF	STORAGE	CAPACITY	ENERGY
	NUMBEN	CR RIVER	PURP#		LONGITUDE	(SQ MI)	(CFS)	HEAD	DAM	(1000	(WH)	(GWH)
	(1)		(2)		(DM, H)			(FT)	(FT)	AC FT)	(3)	(3)
COUNTY NAME: CHELAN												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE 9F												
CHELANA	HAU0590	CHINAWA RIVER	MC		47 50.0	163.0	515.	620.	0.	0.	0.	0.
	NPS0178				120 41.0							
SEARS CR	HAU0591	WHITE RIVER	M		47 53.0	150.0	770.	95.	0.	0.	0.	0.
	NPS0179				120 53.0							
MILE 1 1/4	HAU0592	ENTIA RIVER	M		47 39.8	220.0	395.	713.	0.	0.	0.	0.
	NPS0180				120 14.5							
MCKENZIE CANYON	HAU0593	ENTIA RIVER	M		47 46.5	220.0	395.	280.	0.	0.	0.	0.
	NPS0181				120 22.7							
LUCERNE RAILROAD CREEK	HAU0594	RAILROAD CREEK	M		48 12.0	70.0	240.	1150.	0.	0.	0.	0.
	NPS0182				120 35.0							
HIGH BRIDGE AGNE S CREEK	HAU0595	STEHEXIN RIVER	M		48 22.7	158.0	670.	680.	0.	0.	0.	0.
	NPS0183				120 49.5							
LAKE CHELAN	HAU0600	CHELAN RIVER	HR		47 50.1	952.0	2156.	392.	0.	1192.	48.00	361.0
	NPS0184				120 .7							
STEMILT PRODUCT DAM	HAU0601	CHL CREEK-OFFSTR	I		47 18.8	1.0	16.	48.	60.	1.	0.	0.
	NPS0185				120 18.5							
UPPER WHEELER REACH S DAM	HAU0607	URR CREEK	IRS		47 17.3	2.0	12.	55.	65.	1.	0.	0.
	NPS0186				120 21.8							
ANTILION LAKE DAM	HAU0608	TH-JOHNSON CREEK	IR		47 57.6	19.0	60.	53.	62.	3.	0.	0.
	NPS0187				120 9.1							
ROCK ISLAND POOL	HAU0609	COLUMBIA RIVER	M		47 20.4	89000.0	120537.	34.	84.	1137.	624.00	2641.0
	NPS0188				120 5.5							
ROCKY REACH	HAU0606	COLUMBIA RIVER	HR		47 31.9	94100.0	119188.	93.	120.	412.	1213.13	251.8
	NPS0189				120 17.8							

LEGEND  
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(2) - PROJECT PURPOSE: I=IRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NET INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   W A S H I N G T O N

PROJECT NAME	IDENT * NUMBER (1)	NAME OF STREAM OR RIVER	PRGJ * PURP (2)	OWNER	LATITUDE (DM,N)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY * ENERGY (MWH) (3)
COUNTY NAME: CHelan										
FERC POWER SUPPLY AREA 43   FERC REGIONAL OFFICE CODE										
EIGHTMILE LAKE	MA00228	EIGHTMILE CREEK	IR	RICICLE IRRIG	47 31.2	8.0	52	19	2.2E	0.2E 0.
	NPS0190			ATION DIST	120 51.4					.11E .5
WAPATO LK DAM	MA00321	LAKE CHELAN	IR	ALK CHELAN IRR	47 55.5	6.0	39	13	9.2E	0.2E 0.
	NPS0191			IRIG PROJECT	120 10.6					.06E .3
TUMWATER CANYON	MA01079	WENATCHEE R	M	CHELAN CO PWR	47 37.0	690.0	2450	13	0.2E	0.2E 0.
	NPS0192			D	120 43.3					4.33E 20.1
TRINITY	MA03007	PEHELPS CR	M	SMITH JESSE	48 3.6	15.0	131	625	0.2E	.24E .3
	NPS0193			I	120 51.0					14.68E 52.1
COUNTY NAME: CLallam										
FERC POWER SUPPLY AREA 43   FERC REGIONAL OFFICE CODE										
12 PM NO 18	MA00233	GUILCENE RIVER	M		47 49.0	67.0	257	100	0.2U	0.2U 0.
	NPS0194				122 52.0					4.36E 20.7
12 PM NO 24	MA00236	DUNGENESS RIVER	M		48 7.0	180.0	448	160	0.2U	0.2U 0.
	NPS0195				123 15.0					9.89E 46.3
12 PM NO 23	MA00237	DUNGENESS RIVER	M		48 6.0	156.0	390	365	0.2U	0.2U 0.
	NPS0196				123 8.0					21.89E 93.6
FORKS	MA00238	DUNGENESS RIVER	M		48 1.0	148.0	370	675	0.2U	0.2U 0.
	NPS0197				123 8.0					38.28E 168.4
UPPER DUNGENESS	MA00240	DUNGENESS RIVER	M		47 57.0	38.0	95	900	0.2U	0.2U 0.
	NPS0198				123 6.0					13.87E 58.9
TAILWATER	MA00242	ELWHA RIVER	M		48 8.0	315.0	1764	84	0.2U	0.2U 0.
	NPS0199				123 34.0					21.87E 93.1
MCDONALD	MA00243	ELWHA RIVER	M		48 3.0	245.0	1372	212	0.2U	0.2U 0.
	NPS0200				123 35.0					45.02E 196.3

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DEBRIS CONTROL, PEFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: MENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (N, S)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (AC FT)	ENERGY (KWH)
COUNTY NAMES: CLALLAM											
PERC POWER SUPPLY AREA 43 PERC REGIONAL OFFICE CODE 8F											
GRAND CANYON	HAU0245	ELWHA	M		47 56.0	163.0	913.0	430.0	0.0	0.0	0.0
	NPS0201				123 32.0					61.46	265.6
PRESS VALLEY	HAU0248	ELWHA RIVER	M		47 52.0	106.0	594.0	310.0	0.0	0.0	0.0
	NPS0202				123 28.0					28.48	124.2
LOWER LYRE	HAU0251	LYRE RIVER	M		48 9.0	51.0	761.0	290.0	0.0	0.0	0.0
	NPS0203				123 50.0					11.05	45.1
LAKE CRESENT	HAU0252	LYRE RIVER	M		48 7.0	50.0	761.0	296.0	0.0	0.0	0.0
	NPS0204				123 50.0					11.05	45.2
FAIRHOLM	HAU0318	SOLEDOCT RIVER	L		48 4.0	64.0	541.0	514.0	0.0	0.0	0.0
	NPS0205	LAKE CRESENT			123 55.0					37.86	163.6
EIGHT MILE CREEK	HAU0585	ICICLE CREEK			47 28.8	110.0	510.0	585.0	0.0	0.0	0.0
	NPS0206				120 44.0					78.98	211.3
GLINES CANYON DAM	HAU0148	ELWHA RIVER	M	CROWN ZELLER	48 1.1	262.0	1488.0	197.0	200.0	39.0	12.00
	NPS0207			BACH CORP	123 35.9					32.74	115.1
ELWHA DAM	HAU0242	ELWHA RIVER	M	CROWN ZELLER	48 5.7	308.0	1749.0	104.0	110.0	8.0	12.00
	NPS0208			BACH CORP	123 33.3					15.44	60.8
COUNTY NAMES: CLARK											
PERC POWER SUPPLY AREA 44 PERC REGIONAL OFFICE CODE 3F											
COUGAR CREEK	HAU0628	ASHCUGAL RIVER	M		45 38.0	114.0	960.0	335.0	345.0	0.0	0.0
	NPP0639				122 19.0					90.89	207.7
LUCIA FALLS	HAU0701	EAST FORK LEWIS	M		45 50.0	98.0	585.0	360.0	0.0	0.0	0.0
	NPP0640	RIVER			122 27.0					60.99	145.6
CHARTER OAK	HAU0745	EAST FORK LEWIS	M		45 48.6	122.0	735.0	240.0	0.0	0.0	0.0
	NPP0641	RIVER			122 32.0					50.62	120.8

LEGEND

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- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, SENATOR SUPPLY, RECREATION, OTHERS CONTROL, P/FARM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY
- (4) - INSTALLED CAPACITY AND ENERGY
- (5) - UNINSTALLED CAPACITY AND ENERGY



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	CRIVER	PROJ#	PRCP#	LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLU	NET POWER	HEIGHT OF DAM	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)			(2)		(DM, M)	(SQ MI)	(CFS)	(FT)	(FT)	(1000)	(MWH)	(GWH)
COUNTY NAME: CLARK													
PERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F													
EDDY ROCK	HAU0751	EAST FORK LEWIS				45 52.0	211.0	1260.0	150.0	0.0	0.0	0.0	0.0
	NPP0642	RIVER				122 42.0					54.72	130.6	
HORSE SHOE FALLS	HAU0756	EAST FORK LEWIS				45 49.0	47.0	280.0	440.0	0.0	0.0	0.0	0.0
	NPP0643	RIVER				122 18.0					35.75	85.3	
TUM TUM MOUNTAIN	HAU0781	CANYON CREEK				45 55.4	62.0	424.0	581.0	0.0	0.0	0.0	0.0
	NPP0644					122 20.8					36.20	159.4	
LOWER DAM LACKAM	HAU0099	LACANAS CREEK				45 35.9	0.0	31.0	19.0	23.0	9.0	0.0	0.0
AS + ROUND LAKES	NPP0645					122 24.2					11.0	5.5	
UPPER DAM LACKAM	HAU0119	LACKAMAS CREEK				45 36.1	0.0	31.0	18.0	22.0	9.0	0.0	0.0
AS + ROUND LAKES	NPP0646					122 24.2					10.0	5.5	
YALE DAM	HAU0140	LEWIS RIVER				45 57.9	596.0	0.0	247.0	324.0	356.0	108.00	528.6
	NPP0647					122 19.9					108.00	200.0	
ARIEL DAM (LAKE MERLIN)	HAU0149	LEWIS RIVER				45 57.4	731.0	4897.0	181.0	218.0	420.0	136.00	539.5
	NPP0648					122 33.3					12.83	44.3	
COUNTY NAME: COLUMBIA													
PERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE 3F													
BAILEYS BURG	HAU0035	TOUCHET RIVER				46 17.3	102.0	175.0	400.0	0.0	0.0	0.0	0.0
	NPP0674					117 58.0					32.0	8.0	
TUCANNON	HAU0041	TUCANNON RIVER				46 33.0	407.0	169.0	257.0	257.0	0.0	0.0	0.0
	NPP0675					118 10.0					6.01	26.6	
PATAHA	HAU0042	TUCANNON				46 31.0	194.0	140.0	210.0	0.0	0.0	0.0	0.0
	NPP0676					118 2.0					2.55	10.6	
WILLOW CREEK	HAU0043	TUCANNON RIVER				46 29.0	160.0	130.0	470.0	0.0	0.0	0.0	0.0
	NPP0677					117 56.0					4.41	19.2	
L E G E N D													

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
ORDERIS CONTROL, P&FARM POND, C&OTHER  
(3) - EXISTED CAPACITY AND ENERGY NENE- INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	CRIVER	OWNER	LONGITUDE	AREA	INFLON	HEAD	OF	STORAGE	CAPACITY	ENERGY
	(1)		(2)			(DM)	(SU MI)	(CFS)	(FT)	(FT)	(AC FT)	(MM)	(GWH)
COUNTY NAME: COLUMBIA													
MARENGO	MAU0044	TUCANNON RIVER	IC			46 18.0	117.0	110.	600.	0.	0.	0.	0.
	NP0047b					117 48.0						4.15	18.0
RUSSELL	MAU0045	TUCANNON RIVER	IC			46 21.0	75.0	70.	730.	0.	0.	0.	0.
	NP00479					117 41.0						3.33	14.1
DAYTON DAM	MAU0053	TOUCHET RIVER	IC	DOI USBR		46 15.6	102.0	66.	179.	184.	45.	0.	0.
	NP00480					117 24.0						1.47	6.2
PANJAB	MAU0054	TUCANNON RIVER	IC			46 13.8	53.0	60.	166.	195.	19.	0.	0.
	NP00481					117 42.0						.60	2.3
LITTLE GOOSE LOC	MAU00331	SNAKE RIVER	IC	DAEN NPM		46 35.3	103900.0	30000.	60.	98.	556.	405.00	2360.0
K AND DAM	NP00482					116 20.0						0.	0.
LOWER GRANITE LO	MAU00349	SNAKE RIVER	IC	DAEN NPM		46 39.3	103500.0	30000.	66.	105.	484.	405.00	2142.5
CK AND DAM	NP00483					117 24.4						0.	0.
COUNTY NAME: CONLITZ													
CASTLE ROCK	MAU00623	TOUTLE RIVER	IC			46 18.0	507.0	2180.	310.	250.	257.	0.	0.
	NP00489					122 55.0						102.70	449.9
CASTLE ROCK (CAS	MAU00624	TOUTLE RIVER	IC			46 20.0	0.	2030.	196.	50.	0.	0.	0.
TL ROCK PROJECT	NP00650	LITZ BASIN	IC			122 53.0						260.00	1000.0
CASTLE ROCK PROJ	MAU00625	TOUTLE RIVER	IC			46 18.0	2240.0	6090.	196.	200.	0.	0.	0.
ECT	NP00651					122 55.0						260.00	1000.0
SILVER LAKE WITH	MAU00643	TOUTLE RIVER	IC			46 21.3	474.0	1950.	225.	87.	0.	0.	0.
CASTLE ROCK	NP00652					122 45.0						50.00	276.7
SILVER LAKE WITH	MAU00644	TOUTLE RIVER	IC			46 21.3	474.0	1950.	453.	127.	0.	0.	0.
OUT CASTLE ROCK	NP00653					122 45.0						134.30	588.1

LEGEND

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D=DEVELOPMENT, P=POWER, O=POND, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATHEN SUPPLY, RECREATION, DDEBRIS CONTROL, PEFARM POND, COTHER
- (3) - ESTIMATED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * (1)	NAME OF STREAM OR RIVER	PROJ# (2)	OWNER	*LATITUDE (DM,M)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL *POWER INFLW * (CF8) (FT)	*NET *HEIGHT OF *DAM (FT)	*STORAGE CAPACITY * (MM) (3)	*ENERGY (3)
COUNTY NAMES	COMLITZ									
KALAMA	*AU0758	*KALAMA RIVER	*H		*46 2.2	*179.0	*1145.	*260.	*0.0	*0.0
	*NPP0668				*122 47.0				*85.5	*272.7
KELSO	*AU0759	*COWEPAN RIVER	*H		*46 8.0	*119.0	*290.	*170.	*0.0	*0.0
	*NPP0667				*122 50.0				*43.2	*103.1
LANGDON CREEK	*AU0761	*KALAMA RIVER	*H		*46 5.0	*58.0	*365.	*200.	*0.0	*0.0
	*NPP0668				*122 25.0				*14.6	*49.1
MULHOLLAND CREEK	*AU0766	*COWEPAN RIVER	*H		*46 10.0	*38.0	*140.	*100.	*0.0	*0.0
	*NPP0669				*122 47.5				*36.8	*80.1
NO NAME	*AU0768	*SOUTH FORK TOUTLE RIVER	*H		*46 18.5	*82.0	*415.	*280.	*0.0	*0.0
	*NPP0670				*122 39.5				*17.7	*77.4
PIGEON SPRINGS	*AU0772	*KALAMA RIVER	*H		*46 3.0	*56.0	*365.	*680.	*0.0	*0.0
	*NPP0671				*122 38.0				*52.5	*168.8
ST HELENS	*AU0773	*NORTH FORK TOUTLE RIVER	*H		*46 22.0	*143.0	*715.	*200.	*0.0	*0.0
	*NPP0672				*122 53.0				*21.7	*95.2
SODA SPRING	*AU0775	*GREEN RIVER	*H		*46 22.5	*36.0	*165.	*400.	*0.0	*0.0
	*NPP0673				*122 16.5				*10.0	*43.9
TOWER-HIGH	*AU0778	*TOUTLE RIVER	*H		*46 22.0	*474.0	*2040.	*260.	*0.0	*0.0
	*NPP0674				*122 47.0				*91.7	*348.5
UPPER GREEN	*AU0783	*GREEN RIVER	*H		*46 21.5	*278.0	*1310.	*250.	*0.0	*0.0
	*NPP0675				*122 40.5				*5.0	*22.0
WANDANAME209	*AU0812	*OUTLET CREEK	*CR	*SILVER LAKE	*46 18.3	*17.0	*63.	*4.	*12.	*0.0
	*NPP0676			*FLOOD CONT D	*122 44.8				*.08	*.3
SWIFT NO 2	*AU0825	*LEWIS RIVER	*H	*COMLITZ CO	*46 3.6	*505.0	*0.	*128.	*1.	*70.0
	*NPP0677			*UD NO 1	*122 15.2				*.0	*.0

LEGEND

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D=DEBRIS CONTROL, P=PAN POND, O=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY T=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	NUMBER	CR RIVER	PURP#	OWNER	LATITUDE	DRAINAGE	AVERAGE	NET HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)					(2)		(DM,N)	(SQ MI)	(CFS)	(FT)	(1000)	(MW)	(GWH)
													(3)	(3)
COUNTY NAME: DOUGLAS														
LOWER RIMROCK DAM	MA00036	MCCARTENEY CREEK	R				GLEN CORNING	47 29.6	40.0	186.	57.	1.	0.	0.
	NPS0209							119 45.4					2.33	6.8
WELLS DAM	MA00094	COLUMBIA RIVER	HR				DOUGLAS CO P	47 56.9	85300.0	126925.	72.	110.	361.	774.25
	NPS0210						UD NC 1	119 51.7					832.12	352.8
BANKS LAKE	MA00261	COLUMBIA RIVER	U	IP			DOI USNR	47 37.2	281.0	49.	34.	40.	1275.	0.
	NPS0211	FFSTREAM						119 18.2						1.2
CHIEF JOSEPH DAM	MA00299	COLUMBIA RIVER	H	R			DAEN NPS	47 59.8	75000.0	0.	179.	205.	480.	2073.80
	NPS0212							119 37.6					0.	0.
COUNTY NAME: PERRY														
LIME CR	MA00154	SANPOIL RIVER	HC					48 9.0	811.0	230.	165.	0.	0.	0.
	NPS0213							118 42.0					33.93	140.8
ORIENT BARSTON	MA00155	KETTLE RIVER	HC					48 50.2	4000.0	3185.	95.	0.	0.	0.
	NPS0214							118 10.7					99.68	189.0
CURLEW	MA00156	KETTLE RIVER	HC					48 53.4	2660.0	1822.	73.	0.	0.	0.
	NPS0215							118 41.2					55.57	89.8
COUNTY NAME: FRANKLIN														
POTHLES CANAL	MA00301	POTHLES CANAL	H					46 38.0	4000.0	2795.	348.	0.	0.	0.
	NPS0216							120 35.0					290.69	665.9
POTHLES CANAL	MA00301	POTHLES CANAL	H					46 26.9	4000.0	2795.	148.	0.	0.	0.
	NPS0217							120 48.4					123.63	281.2
ESQUATZEL DIVERSION	MA00301	ESQUATZEL CANAL	H					46 25.9	550.0	1294.	112.	0.	0.	0.
	NPS0218							120 48.4					23.13	97.1
ION CANAL														

LEGEND

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DEERHIS CONTROL, PEFARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ	OWNER	COORDINATES	AREA	ANNUAL INFLW	NET HEAD	POWER	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)		(DM,N)	(SQ MI)	(CFS)	(FT)	(AC FT)	(1000)	(MW)	(GWH)
COUNTY NAME: GRANT												
MANAPUM RESERVOIR	WA00085	COLUMBIA RIVER	HR	GRANT CO PUD	46 52.6	90700.0	114882	78	130	749	831.25	5580.0
	NPS0219			NO 1	119 58.2						866.61	550.6
PRIEST RAPIDS RESERVOIR	WA00088	COLUMBIA RIVER	HR	GRANT CO PUD	46 38.7	95500.0	120962	77	97	250	788.50	5256.0
	NPS0220			NO 1	119 54.5						976.30	1116.3
MOSES LAKE SOUTH	WA00124	CRAB CREEK	IR	DUI USBR	47 4.8	4464.0	138	10	12	50	0	0
	NPS0221				119 20.0						.14	.6
MOSES LAKE NORTH	WA00129	CRAB CREEK	IR	MOSES LAKE I	47 5.1	3080.0	95	13	15	50	0	0
	NPS0222			RRIG DIST	119 19.9						.12	.5
GRAND COULEE DAM	WA00262	COLUMBIA RIVER	HR	IMCNR-DUI USBR	47 57.3	74100.0	0	341	380	9562	6180.00	24760
	NPS0223				116 59.0						3600.00	7120.0
BANKS LAKE	WA00266	COLUMBIA RIVER	HR	DUI USBR	47 58.4	281.0	49	65	77	1275	0	0
	NPS0224	FFESTREAM			119 1.0						.42	2.3
O'SULLIVAN (MOSC S LAKE)	WA00248	LOWER CRAB CREEK	ICR	DUI USBR	46 59.0	4464.0	138	107	140	553	0	0
	NPS0225				119 16.0						1.46	6.1
SODA LAKE	WA00271	COLUMBIA RIVER	DUI	DUI USBR	46 59.1	4470.0	138	32	38	10	0	0
	NPS0226	FFESTREAM			119 14.0						.45	1.8
BENNETT DAM	WA00345	WILSON CREEK	I P	JOHN + PAT	47 27.5	410.0	71	15	20	2	0	0
	NPS0227			CHOWALD	119 4.2						.14	.8
POTHOLES CANAL (MOSES LAKE)	WA03008	POTHOLES CANAL	H		46 59.1	750.0	2040	26	0	0	0	0
	NPS0228				119 15.6						6.86	43.8
DRY FALLS DAM	WA03009	MAIN CANAL	H		47 37.0	281.0	3384	27	0	0	0	0
	NPS0229				119 16.8						.17	1.0
SUMMER FALLS	WA03010	DRY FALLS AQUEDUCT	H		47 30.0	250.0	590	163	0	0	0	0
	NPS0230	CT			119 18.0						.93	5.2

LEGEND

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(2) - DERRIS CONTROL, P=PEAK FLOW, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
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PROJECT NAME	IDNT	NAME OF STREAM	PROJ	OWNER	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
(1)	(2)	CP RIVER	PURP		(DM, M)	AREA	ANNUAL	POWER	OF	STORAGE	(MW)	(GWH)
						(SQ MI)	INFLOW	HEAD	DAM	(1000	(3)	(3)
							(CF)	(FT)	(FT)	AC FT)		
COUNTY NAME: GRANT						FERC POWER SUPPLY AREA 42	FERC REGIONAL OFFICE CODE					
WEST CANAL DROP	MA03011	WEST CANAL	H		47 15.0	200.0	35.0	63.0	0.0	0.0E	0.0E	0.0
	NPS0231				119 45.0							29.6N 1.6
COUNTY NAME: GRANT HARBOR						FERC POWER SUPPLY AREA 44	FERC REGIONAL OFFICE CODE					
QUINAULT LK	MA00328	QUINAULT RIVER	H		47 27.0	264.0	2756.0	140.0	0.0	0.0U	0.0U	0.0
	NPS0232				123 54.0							66.93AT 259.9
LOWER CANYON	MA00331	MYNOCHEE	H		47 6.0	125.0	1073.0	130.0	0.0	0.0U	0.0U	0.0
	NPS0233				123 40.0							40.22AT 93.8
SAVE CREEK	MA00332	MYNOCHEE RIVER	H		47 16.0	84.0	885.0	105.0	0.0	0.0U	0.0U	0.0
	NPS0234				123 39.0							20.57AT 66.9
WEATHERMAX	MA00333	MYNOCHEE RIVER	H		47 20.0	72.0	825.0	175.0	0.0	0.0U	0.0U	0.0
	NPS0235				123 38.0							32.58AT 98.0
MYNOCHEE DAM MT 5136	MA00302	MYNOCHEE RIVER	SC	DAEN NPS	47 23.1	41.0	695.0	162.0	162.0	70.0E	0.0E	0.0
	NPS0236				123 36.3							17.54AN 55.9
COUNTY NAME: JEFFERSON						FERC POWER SUPPLY AREA 43	FERC REGIONAL OFFICE CODE					
USGS SITE 12 PM 111	MA00231	COSEWALIPS RIVER	H		47 44.0	76.0	400.0	380.0	0.0	0.0U	0.0U	0.0
	NPS0237				123 2.0							19.93AT 90.5
USGS SITE 12 PM 110	MA00232	COSEWALIPS RIVER	H		47 44.0	70.0	365.0	740.0	0.0	0.0U	0.0U	0.0
	NPS0238				123 6.0							36.44AT 163.0
TUNNEL CREEK	MA00234	BIG GUILCENE RIV	H		47 46.0	50.0	188.0	944.0	0.0	0.0U	0.0U	0.0
	NPS0239	ER			122 54.0							32.99AT 148.3
12 PM 16	MA00235	BIG GUILCENE RIV	H		47 47.0	25.0	92.0	384.0	0.0	0.0U	0.0U	0.0
	NPS0240	ER			122 59.0							6.15AT 29.6

LEGEND

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- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, COBERTS CONTROL, P/FARM POND, OTHER
- (3) - INSTALLED CAPACITY AND ENERGY WHEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (4) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDNT NUMBER	NAME OF STREAM OR RIVER	PROJ# (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE NET HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (3) (3)	ENERGY (KWH) (3)
COUNTY NAME: JEFFERSON												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE												
GODWIN CR	WAU0249 NP80241	ELWHA RIVER			47 48.0 123 27.0		50.0	280.	120.	0.	0.	0.
DELABARRE CREEK	WAU0250 NP80242	ELWHA RIVER			47 47.0 123 27.0		15.0	90.	282.	0.	0.	0.
DUCKABUSH	WAU0268 NP80243	DUCKABUSH			47 40.0 122 59.0		67.0	414.	440.	0.	0.	0.
USGS SITE 12 PM 14A	WAU0269 NP80244	DUCKABUSH RIVER			47 41.0 123 3.0		56.0	336.	220.	0.	0.	0.
USGS SITE 12 PM 13	WAU0270 NP80245	DUCKABUSH RIVER			47 41.0 123 5.0		48.0	293.	405.	0.	0.	0.
ROCKY BRNCK	WAU0271 NP80246	DOCKEALIPS RIVER			47 42.0 122 53.0		111.0	562.	400.	0.	0.	0.
LOG JAM	WAU0319 NP80247	MOH R			47 45.0 124 25.0		253.0	2430.	170.	0.	0.	0.
MOH RDM	WAU0320 NP80248	MOH RIVER			47 48.0 124 15.0		247.0	2372.	220.	0.	0.	0.
TWIN CREEK	WAU0321 NP80249	MOH RIVER			47 59.0 123 59.0		70.0	685.	350.	0.	0.	0.
GLIDE CREEK	WAU0322 NP80250	MOH RIVER			47 52.0 123 49.0		43.0	420.	380.	0.	0.	0.
BENDS	WAU0323 NP80251	S F MOH			47 48.0 124 0.		45.0	475.	240.	0.	0.	0.
SLATE CREEK	WAU0324 NP80252	SF MOH RIVER			47 47.0 123 53.0		18.0	190.	1300.	0.	0.	0.

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, SEDIMENT CONTROL, FARM POND, OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY NEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P U T E N T I A L   M Y D R O P O M E N   S I T E S  
I N   T H E   S T A T E   O F   W A S H I N G T O N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ. PUMP	LATITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLOW	NET HEIGHT OF DAM	CAPACITY	ENERGY
	(1)	CR RIVER	(2)	(DM, M)	(SQ MI)	(CFS)	(FT)	(1000)	(GWH)
COUNTY NAME: JEFFERSON									
LOWER QUEETS	MAU0325	QUEETS RIVER	M	47 33.0	445.0	4267.0	90.0	0.0	0.0
	NPS0253			124 18.0				71.62	280.8
LYMAN	MAU0326	QUEETS RIVER	M	47 34.0	235.0	2253.0	270.0	0.0	0.0
	NPS0254			124 11.0				158.64	399.1
PREACHER RAPIDS	MAU0327	CLEARWATER RIVER	M	47 37.0	130.0	1219.0	90.0	0.0	0.0
	NPS0255			124 17.0				21.78	86.7
QUINAULT	MAU0329	F QUINAULT RIVER	M	47 33.0	69.0	721.0	300.0	0.0	0.0
	NPS0256			123 40.0				41.16	164.4
SOUTH FORK	MAU0330	QUINAULT RIVER	M	47 30.0	75.0	866.0	190.0	0.0	0.0
	NPS0257			123 34.8				21.61	81.0
COUNTY NAME: KING									
MILLER FORKS	MAU0227	MILLER RIVER	M	47 43.0	40.0	364.0	290.0	0.0	0.0
	NPS0258			121 23.5				21.69	61.3
EAST FORK MILLER	MAU0228	EF MILLER RIVER	M	47 40.0	14.0	126.0	900.0	0.0	0.0
	NPS0259			121 23.0				23.78	66.7
SELLECK	MAU0272	CEDAR RIVER	M	47 23.0	84.0	328.0	210.0	0.0	0.0
	NPS0260			121 52.0				11.68	45.1
WESTON SITE NO 3	MAU0274	GREEN RIVER	M	47 12.0	30.0	180.0	340.0	0.0	0.0
	NPS0261			121 24.0				8.13	19.2
SMAY CR	MAU0275	SMAY CR	M	47 14.0	21.0	123.0	328.0	0.0	0.0
	NPS0262			121 36.0				5.71	25.3
SUNDAY CR	MAU0276	SUNDAY CR	M	47 14.0	23.0	135.0	210.0	0.0	0.0
	NPS0263			121 26.0				3.26	14.9

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) - DECEMBER'S CONTROL, PEARL POND, OQUINER  
(3) - INSTALLED CAPACITY AND ENERGY NEWER INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	AVERAGE ANNUAL POWER OF DAM (FT)	NET WEIGHT OF STORAGE (1000 AC FT)	MAXIMUM CAPACITY (3)	ENERGY (3)
COUNTY NAME: KING												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE 9F												
TWIN CREEK	WAU0279 NPS0264	WHITE RIVER	M		47 10.0 121 48.0		316.0	1275.0	530.0	0.0	0.0	0.0
GREENWATER	WAU0284 NPS0265	GREENWATER RIVER	M		47 7.0 121 34.0		60.0	175.0	400.0	0.0	0.0	0.0
LOST CREEK	WAU0285 NPS0266	GREENWATER RIVER	M		47 7.0 121 29.0		26.0	130.0	500.0	0.0	0.0	0.0
ALTERNATE BECKLE R	WAU0291 NPS0267	BECKLE RIVER	M		47 44.0 121 19.0		97.0	600.0	355.0	0.0	0.0	0.0
TONGA	WAU0294 NPS0268	FOSS	M		47 42.0 121 18.0		46.0	367.0	445.0	0.0	0.0	0.0
ALTURUS LAKE	WAU0295 NPS0269	EEF FCSS	M		47 39.5 121 17.5		21.0	210.0	505.0	0.0	0.0	0.0
ALPINE CREEK	WAU0296 NPS0270	TIVE RIVER	M		47 43.0 121 15.5		78.0	540.0	390.0	0.0	0.0	0.0
MARTIN CREEK	WAU0297 NPS0271	TIVE RIVER	M		47 43.0 121 12.5		66.0	456.0	280.0	0.0	0.0	0.0
MARTIN CREEK DIVERSION	WAU0298 NPS0272	MAINTIN CR	M		47 45.0 121 12.0		8.0	54.0	1120.0	0.0	0.0	0.0
DECEPTION CREEK DIVERSION	WAU0299 NPS0273	DECEPTION CR	M		47 40.0 121 11.0		19.0	133.0	340.0	0.0	0.0	0.0
SURPRISE CREEK DIVERSION	WAU0300 NPS0274		M		47 42.0 121 12.0		23.0	156.0	80.0	0.0	0.0	0.0
FORKS	WAU0300 NPS0275	TOLT RIVER	M		47 42.0 121 49.0		81.0	639.0	140.0	0.0	0.0	0.0

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, COLD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DECEMBER CONTROL, PEARL POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCIDENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PUMP (1)	OWNER (2)	LATITUDE (N)	LONGITUDE (W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL FLOW (CFS)	NET HEAD (FT)	PERCENT OF SUPPLY AREA	PERC REGIONAL OFFICE CODE	MAXIMUM STORAGE (1000 AC FT)	CAPACITY ENERGY (3)
DRY CREEK	HAU0310	N F TOLT			47 45.0	121 41.0	22.0	185	280	0		0	0
	HAU0276											0.71	37.2
TOKUL CR	HAU0312	TOKUL CR			47 38.0	121 45.0	30.0	186	335	0		0	0
	HAU0277											16.66	43.8
MILE 5.9 RR	HAU0313	NF SNOQUALMIE RIVER			47 33.0	121 44.0	85.0	507	572	0		0	0
	HAU0254	VER										32.37	124.5
MILE 11.7	HAU0314	NF SNOQUALMIE RIVER			47 38.0	121 44.0	52.0	436	620	0		0	0
	HAU0278	VER										47.55	177.2
BEAVER CREEK	HAU0315	BEAVER CREEK			47 37.5	121 43.8	15.0	123	1290	0		0	0
	HAU0279											32.12	84.4
MIDDLE FORK MILE 10	HAU0316	NF SNOQUALMIE RIVER			47 28.0	121 41.0	158.0	1147	450	0		0	0
	HAU0280	VER										106.16	391.8
TWIN FALLS	HAU0317	NF SNOQUALMIE RIVER			47 27.0	121 42.0	56.0	391	500	0		0	0
	HAU0281	VER										45.12	139.3
TOLT RESERVOIR	HAU0177	SOUTH FORK TOLT RIVER			47 41.6	121 41.3	19.0	166	135	165		58.2	0
	HAU0282											3.21	13.6
LAKE YOUNGS	HAU0209	TR-CEDAR RIVER			47 25.1	122 6.4	10.0	60	17	20		34.2	0
	HAU0283											20	0
MARGARET LAKE DAM	HAU0236	MARGARET CREEK			47 46.0	121 54.0	5.0	32	26	33		1.2	0
	HAU0284											22	0
TOLT RIVER REGULATING BASIN	HAU0237	SOUTH FORK TOLT RIVER			47 42.4	121 47.4	2.0	33	28	35		1.2	0
	HAU0285	OFFSTREAM										22	0
LAKE YOUNGS OUTLET DAM	HAU0254	LITTLE SODS CREEK			47 24.2	122 7.4	10.0	60	20	23		34.2	0
	HAU0286											28	1.0

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L E G E N D  
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(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DRAINAGE CONTROL, FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY  
(3) - INSTALLED CAPACITY AND ENERGY  
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)  
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POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IV. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, FARM POND, OTHER
- (3) - INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



- (1) - TYP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
- (2) - ORDERED CONTROL, P=PAW POND, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PURPOSE (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (GWH) (3)
COUNTY NAME: KITTITAS												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE												
SALMON LA SAC	WAU0585 NPS0309	CLE ELEM RIVER	M		47 23.0 121 5.7		109.0	512.0	200.0	0.0	0.0	0.0
FORTUNE CREEK	WAU0567 NPS0310	CLE ELEM RIVER	M		47 25.0 121 5.0		37.0	174.0	880.0	0.0	0.0	0.0
SCATTER CREEK	WAU0568 NPS0311	CLE ELEM	M		47 30.0 121 4.0		42.0	107.0	100.0	0.0	0.0	0.0
RED MOUNTAIN	WAU0571 NPS0312	COOPER RIVER	M		47 24.0 121 6.0		34.0	155.0	560.0	0.0	0.0	0.0
WAPTUS	WAU0573 NPS0313	WAPTUS RIVER	M		47 25.0 121 5.0		48.0	207.0	170.0	0.0	0.0	0.0
KACHESS LAKE	WAU0260 NPS0314	KACHESS RIVER	ICR	DOI USBR	47 15.9 121 12.3		64.0	298.0	50.0	59.0	245.0	0.0
KEECHELUS LAKE	WAU0265 NPS0315	YAKIMA RIVER	ICR	DOI USBR	47 19.4 121 20.3		55.0	341.0	56.0	68.0	171.0	0.0
CLE ELUM LAKE	WAU0274 NPS0316	CLE ELUM RIVER	ICR	DOI USBR	47 19.7 121 4.4		203.0	940.0	105.0	124.0	710.0	0.0
EASTON DIVERSION	WAU0276 NPS0317	YAKIMA RIVER	IK	DOI USBR	47 14.6 121 11.0		180.0	834.0	48.0	56.0	26.0	0.0
COUNTY NAME: KLIKITAT												
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF												
ALVORDS BRIDGE	WAU0616 NPP0678	KLIKITAT RIVER	M		45 56.0 121 7.0		528.0	1015.0	300.0	0.0	0.0	0.0
BOMMAN CREEK	WAU0620 NPP0679	LITTLE KLIKITAT RIVER	M		45 51.0 121 4.0		280.0	195.0	235.0	0.0	0.0	0.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CATASTROPHIC CONTROL, NAVIGATION, SWAMP DRAINAGE, RECREATION, DRAINAGE CONTROL, PEAK FLOOD CONTROL, DRAINAGE  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	LONGITUDE (N, M)	DRAINAGE AREA (SQ MI)	ANNUAL POWER (CF)	NET HEAD (FT)	STORAGE CAPACITY (MG)	ENERGY (KWH)
	(1)		(2)							
COUNTY NAME: KLIKITAT										
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF										
LITTLE MOUNTAIN	HAU0608	WHITE SALMON RIVER			46 0.	129.0	415.	220.	147.	0. 0.
	NPP0692	ER			121 30.0				10.68	40.3
WRIGHT	HAU0698	KLIKITAT RIVER			45 49.0	995.0	1510.	120.	0. 0.	0. 0.
	NPP0693				121 9.0				5.50	42.0
UNDERWOOD	HAU0703	WHITE SALMON RIVER			45 44.0	386.0	1137.	215.	0. 0.	0. 0.
	NPP0694	ER			121 32.0				42.50	176.2
TROUT LAKE	HAU0709	WHITE SALMON RIVER			45 57.0	107.0	415.	420.	147.	0. 0.
	NPP0695	ER			121 28.0				46.91	131.9
FOOT OF RAPIDS	HAU0752	KLIKITAT RIVER			45 42.0	1343.0	1720.	75.	0. 0.	0. 0.
	NPP0696				121 16.0				17.20	82.4
NINE FOOT CREEK (GULCH)	HAU0767	WHITE SALMON RIVER			46 4.9	34.0	150.	876.	0. 0.	0. 0.
	NPP0697	ER			121 34.8				24.47	101.6
CONDIT DAM	HAU0801	WHITE SALMON RIVER			45 46.1	386.0	1137.	229.	1. 0.	9.00
	NPP0698	ER			121 32.3				35.67	103.7
COUNTY NAME: LEWIS										
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE SF										
WALUPT LAKE	HAU0615	CISPLS RIVER			46 21.5	20.0	100.	550.	40. 0.	0. 0.
	NPP0699				121 28.7				8.00	31.0
WALUPT LAKE	HAU0615	CISPLS RIVER			46 21.5	20.0	100.	550.	0. 0.	0. 0.
	NPP0700				121 28.7				8.00	31.0
SALMON CREEK (CASHAUB32)	HAU0632	SALMON CREEK-COM			46 24.0	0.	127.	198.	0. 0.	0. 0.
STLE ROCK PROJECT	NPP0701	LITZ BASIN			122 50.0				260.00	1000.0
TOLEDO SITE (CASHAUB33)	HAU0633	COMLITZ RIVER			43 27.5	0.	6330.	198.	0. 0.	0. 0.
TLE ROCK PROJECT	NPP0702				122 24.0				260.00	1000.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ. PUMP (2)	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	MAXIMUM STORAGE CAPACITY (1000 AC FT)	ENERGY (MW) (3)
COUNTY NAME: LEWIS										
COMLITZ FALLS (D-INVERSION)	HAU0683 NPP0703	COMLITZ RIVER		46 28.0 122 6.7		1000.0	4250.0	60.0	3.00	0.00
COMLITZ FALLS (R-ESERVOIR)	HAU0684 NPP0704	COMLITZ RIVER	HC	46 28.0 122 6.7		1000.0	4250.0	300.0	5000.00	0.00
GREENHORN CREEK	HAU0686 NPP0705	CISPUS RIVER		46 26.0 122 0.0		351.0	1390.0	230.0	285.00	0.00
MUDDY FORK	HAU0692 NPP0706	CISPUS RIVER		46 22.4 121 44.1		92.0	460.0	1450.0	150.00	0.00
SILVER FALLS	HAU0695 NPP0707	SHANAPECOSH RIVER		46 40.9 121 34.9		95.0	300.0	930.0	0.00	0.00
TILTON	HAU0696 NPP0708	TILTON RIVER		46 35.0 122 31.0		150.0	885.0	290.0	215.00	0.00
COMLITZ FALLS	HAU0706 NPP0709	COMLITZ RIVER	AN	46 28.0 122 6.0		1040.0	4760.0	245.0	0.00	0.00
BACK BONE LAKE	HAU0736 NPP0710	OUTLET CREEK		46 40.2 121 36.0		90.0	450.0	770.0	0.00	0.00
CASCADE CREEK (HI-GH)	HAU0742 NPP0711	GREEN RIVER		46 27.6 122 16.0		79.0	350.0	910.0	0.00	0.00
CLEAR FORK	HAU0746 NPP0712	CLEAR FORK		46 39.0 121 37.0		53.0	245.0	400.0	70.00	0.00
DEVILS CREEK	HAU0749 NPP0713	GREEN RIVER		46 22.8 122 32.5		93.0	420.0	400.0	0.00	0.00
GRAVEL BANK	HAU0753 NPP0714	CISPUS RIVER		46 25.0 121 45.0		187.0	769.0	280.0	0.00	0.00
L E G E N D										

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOW CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION,  
D=DRAINAGE CONTROL, P=POND, O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * NUMBER	NAME OF STREAM CR RIVER	PROJ * PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL * INFLOW * (CFS)	NET * HEIGHT * OF * HEAD * (FT)	STORAGE * CAPACITY * (1000 AC FT)	ENERGY (KWH) (3)
COUNTY NAME: LEWIS										
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE 9F										
JOHNSON CREEK	HAU0757	JOHNSON CREEK	H		46 33.6	49.0	200	450	0	0
	NPP0715				121 41.0				0	13.70
MINER'S CREEK	HAU0763	GREEN RIVER	H		46 23.5	20.0	90	400	0	0
	NPP0716				122 13.0				0	5.50
MORTON	HAU0764	TILTON RIVER	H		46 35.0	69.0	525	310	0	0
	NPP0717				122 20.0				0	44.13
MUDDY FORK	HAU0765	MUDDY FORK/COMLITZ	H		46 39.0	45.0	250	900	0	0
	NPP0718	RTZ RIVER			121 37.0				0	34.20
NORTH FORK	HAU0769	NORTH FORK CISPUE	H		46 23.5	30.0	120	480	200	0
	NPP0719	S RIVER			121 47.0				0	14.46
NORTH FORK TILTON	HAU0770	NORTH FORK TILTON	H		46 35.5	29.0	170	390	0	0
	NPP0720	N RIVER			122 21.5				0	18.09
OHANA	HAU0771	OHANAPECOSH RIVER	H		46 41.5	95.0	300	320	0	0
	NPP0721				121 34.5				0	14.80
SECTION 10 DIVER	HAU0774	CLEAN FORK	H		46 33.0	53.0	225	1970	160	0
	NPP2604				121 55.5				0	67.40
TOWER ROCK	HAU0779	CISPUE RIVER	H		46 27.0	247.0	990	200	220	0
	NPP0722				121 49.0				0	30.40
WINSTON CREEK	HAU0780	WINSTON CREEK	H		46 30.0	32.0	100	375	0	0
	NPP0723				122 33.5				0	4.41
SKYD MOUNTAIN	HAU0786	COMLITZ RIVER	H		46 30.0	600.0	3300	85	0	0
	NPP0724				121 58.0				0	42.69
SILVER CREEK	HAU0800	SILVER CREEK	H		46 33.0	46.0	165	485	0	0
	NPP2807				121 55.5				0	13.60

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CWFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
(2) DEERHIS CONTROL, PEFARM POND, DROTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   W A S H I N G T O N

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ* PURP* (2)	OWNER	*LATITUDE* *LONGITUDE* (DM,N)	*DRAINAGE* AREA * (SQ MI)	*ANNUAL * INFLOW * (CFS)	*NET * POWER * (FT)	*HEIGHT* OF * DAM * (FT)	*MAXIMUM* STORAGE * (1000 GAL)	*CAPACITY* ENERGY (3) (3)
COUNTY NAME: LEWIS											
FERC POWER SUPPLY AREA 44   FERC REGIONAL OFFICE CODE 3F											
WANDNAME202	*A00136*	SULPHUR CREEK	*0	*CITY OF TACOMA	*46 30.2	*5.0*	*21.0*	*19.0*	*22.0*	*2.0E	*0.0E 0.0
	*NP0725*			*PA	*122 23.5					*N	*.07AN .3
PACKWOOD DAM	*A00150*	LAKE CREEK	*HR	*WA PUB POWER	*46 35.7	*18.0*	*0.0*	*1600.0*	*52.0*	*4.0E	*26.13E 101.0
	*NP0726*			*SUPPLY SYST	*121 34.0					*N	*5.38AN 20.8
MOSSY ROCK DAM	*A00151*	COHLITZ RIVER	*HCN	*CITY OF TACOMA	*46 32.1	*1042.0*	*4724.0*	*336.0*	*363.0*	*1713.0E	*300.00E 736.0
	*NP0727*			*PA	*122 25.4					*N	*0.0E 0.0
MAYFIELD DAM	*A00152*	COHLITZ RIVER	*HN	*CITY OF TACOMA	*46 30.2	*1400.0*	*6362.0*	*179.0*	*229.0*	*167.0E	*121.50E 650.0
	*NP0728*			*PA	*122 35.4					*N	*70.91AN 121.7
COUNTY NAME: LINCOLN											
FERC POWER SUPPLY AREA 42   FERC REGIONAL OFFICE CODE 8F											
LONG LAKE	*A00021*	SPOKANE RIVER	*HR	*WASHINGTON	*47 50.2	*5920.0*	*9589.0*	*171.0*	*208.0*	*229.0E	*70.00E 444.1
	*NP0318*			*WATER POWER	*117 50.3					*N	*381.30AN 724.1
LITTLE FALLS DAM	*A00069*	SPOKANE RIVER	*HR	*WASHINGTON	*47 55.0	*6380.0*	*10334.0*	*72.0*	*0.0*	*4.0E	*32.00E 217.0
	*NP0319*			*WATER POWER	*117 55.0					*N	*172.79AN 313.1
LONG LAKE	*A00269*	COLUMBIA RIVER	*DICH	*001 USBR	*47 50.2	*300.0*	*142.0*	*85.0*	*107.0*	*77.0E	*0.0E 0.0
	*NP0320*	FFSTREAM			*117 50.3					*N	*1.94AN 7.9
COUNTY NAME: MASON											
FERC POWER SUPPLY AREA 43   FERC REGIONAL OFFICE CODE 3F											
STAIRCASE	*A00265*	SHOKOMISH RIVER			*47 30.0	*50.0*	*419.0*	*225.0*	*0.0*	*0.0E	*0.0E 0.0
	*NP0321*	ER			*123 19.0					*N	*17.17AN 64.0
HAMMAHAMA	*A00267*	HAMMA HAMMA RIVER			*47 33.0	*76.0*	*507.0*	*535.0*	*0.0*	*0.0E	*0.0E 0.0
	*NP0322*	H			*123 3.0					*N	*63.26AN 232.4
LIMERICK LAKE DAM	*A00130*	CRANBERRY CREEK	*R	*LAKE LIMERICK	*47 16.9	*13.0*	*49.0*	*21.0*	*28.0*	*1.0E	*0.0E 0.0
	*NP0323*			*K INC	*123 2.9					*N	*.31AN .7
L E G E N D											

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=CELESTIAL CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,  
O=OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY: P=POWER, F=FLOW, C=CONTROL, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM CR RIVER	PROJ * PURP * (2) *	CITY OF TACOMA CITY OF TACOMA	DRAINAGE AREA * (SQ MI) *	AVERAGE ANNUAL * INFL * (CFS) *	NET * HEIGHT * OF * DAM * (FT) *	MAXIMUM STORAGE CAPACITY * (MH) * (3) *	ENERGY
CUSHMAN DAM NO 1	HA00145	NORTH FORK SKOKO RIVER	HR	47 25.3	94.0	834.	255.	476.	43,200E 110.0
	NP80324	MISH RIVER	MA	123 13.3					0. 0. 0.
CUSHMAN RESERVOIR	HA00146	NORTH FORK SKOKO RIVER	HR	47 23.9	100.0	898.	480.	8.	81,000E 220.0
R NO 2	NP80325	MISH RIVER	MA	123 12.0					0. 0. 0.
COUNTY NAME: OKANOGAN									
SQUAN CREEK	HA00597	METHUEN RIVER	MA	48 5.0	1743.0	1631.	570.	0.	0. 0. 0.
	NP80326			120 1.0					554,520E 1593.5
THISP	HA00601	METHUEN RIVER	MA	48 22.0	1330.0	1327.	280.	0.	0. 0. 0.
	NP80327			120 7.0					167,190E 568.3
GOAT CR	HA00602	METHUEN RIVER	MA	48 35.0	391.0	390.	140.	0.	0. 0. 0.
	NP80328			120 23.0					66,320E 160.2
CALONAY CREEK	HA00603	METHUEN RIVER	MA	48 37.0	256.0	255.	220.	0.	0. 0. 0.
	NP80329			120 27.3					68,240E 164.9
LITTLE BRIDGE CR	HA00604	THISP RIVER	MA	48 23.0	207.0	207.	310.	0.	0. 0. 0.
EEK	NP80330			120 16.0					77,750E 187.8
EIGHT MILE CREEK	HA00605	CHEWACK RIVER	MA	48 36.0	382.0	381.	315.	0.	0. 0. 0.
	NP80331			120 10.0					145,790E 352.2
SHEEP CREEK	HA00606	CHEWACK RIVER	MA	48 47.3	132.0	132.	135.	0.	0. 0. 0.
	NP80332			120 4.3					21,590E 52.2
CHEWACK CREEK	HA00607	CHEWACK RIVER	MA	48 49.3	77.0	77.	140.	0.	0. 0. 0.
	NP80333			120 1.0					9,150E 40.3
DROVILLE	HA00614	SIMILKAMEEN RIVER	MA	48 57.0	3585.0	2487.	45.	0.	0. 0. 0.
	NP80334			119 28.0					5,270E 27.3

LEGEND

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(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CULFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
DRAINAGE CONTROL, PEFARM POND, OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

[illegible]

- (11) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.G.) OFFICE AND SITE ID.
- (12) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DRAINAGE CONTROL, FISH POND, OTHER
- (13) - ESTIMATED CAPACITY AND ENERGY
- (14) - ESTIMATED INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (15) - UNINSTALLED CAPACITY AND ENERGY
- (16) - UNINSTALLED POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   W A S H I N G T O N

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM CR RIVER	PROJ NUMBER (2)	OWNER	LATITUDE (DM,N)	LONGITUDE (DM,W)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CF8)	AVERAGE ANNUAL POWER OF HEAD (FT)	NET HEIGHT OF DAM (FT)	STORAGE CAPACITY (MM)	ENERGY (GWH)
COUNTY NAME: PACIFIC												
NORTH RIVER	WAU0335	NORTH RIVER			46 47.0	123 51.0	250.0	1090.	112.	0.	0.0	0.
	NPS0345											
COUNTY NAME: PEND OREILLE												
SULLIVAN CREEK	WAU0732	SULLIVAN CR		PRIVATE	48 52.2	117 16.1	425.0	427.	605.	0.	0.0	0.
	NPS0346											
BOUNDARY LAKE	WA00009	PEND OREILLE RIV		CITY OF SEAT	48 59.2	117 20.8	25200.0	27150.	261.	380.	95.	551.00E3997.0
	NPS0347			FILE								
CALISPELL	WA00010	TR-CALISPELL CR		PEND OREILLE	48 14.4	117 21.7	57.0	122.	309.	0.	1.	36E 2.3
	NPS0348			CD PUD NO 1	48 51.0	117 16.4	125.0	258.	44.	58.	2.	0. 0. 0.
MILL POND DAM	WA00011	SULLIVAN CREEK		PUD NO.1								
	NPS0349											
SULLIVAN LAKE DAM	WA00012	HARVEY CREEK		PEND OREILLE	48 50.4	117 17.3	52.0	107.	24.	29.	31.	0. 0. 0.
	NPS0350			CD PUD NO 1								
BOX CANYON RESEK VOIR	WA00013	PEND OREILLE RIV		PEND OREILLE	48 45.8	117 24.6	25000.0	26930.	46.	100.	50.	60.00E 508.5
	NPS0351			CD PUD NO 1								
COUNTY NAME: PIERCE												
MOMICH NO 1	WAU0255	MOMICH RIVER			46 54.0	122 2.0	23.0	133.	815.	0.	0.0	0.
	NPS0352											
MISQUALLY	WAU0257	MISQUALLY RIVER			46 51.0	122 21.0	280.0	1590.	381.	0.	0.0	0.
	NPS0353											
PARK JUNCTION BE	WAU0258	MISQUALLY RIVER			46 46.0	122 11.0	66.0	376.	798.	0.	0.0	0.
	NPS0354											

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=PEAK FLOW, O=OUTLET  
(3) - ESTIMATED CAPACITY AND ENERGY: N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY: T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM OR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	*DRAINAGE * *AREA * (SQ MI)	*AVERAGE * *ANNUAL * *INFLOW * (CFS)	*NET * *HEAD * (FT)	*STORAGE * *CAPACITY * (1000 * GAL)	*ENERGY * (3) * (3)
COUNTY NAME: PIERCE										
PERC POWER SUPPLY AREA 43 PERC REGIONAL OFFICE CODE 8F										
BROWN CREEK	*AU02644SF	SKOKOMISH RIVER			*47 20.0	54.0	482.0	625.0	0.0	0.0
	*NP03554ER				*123 16.0				0.0	0.0
SEVEN STREAMS	*AU02666NF	SKOKOMISH			*47 32.0	12.0	100.0	740.0	0.0	0.0
	*NP03356				*123 22.0				0.0	0.0
URTING	*AU02774PUYALLUP R				*47 5.0	172.0	704.0	400.0	0.0	0.0
	*NP03357				*122 13.0				0.0	0.0
MONICH NO 1A	*AU02788PUYALLUP RIVER				*46 54.0	30.0	174.0	575.0	0.0	0.0
	*NP03358				*122 2.0				0.0	0.0
WEST FORK MOUTH	*AU02814WF WHITE				*47 7.0	36.0	150.0	560.0	0.0	0.0
	*NP03359				*121 37.0				0.0	0.0
MUCKLEBERRY	*AU02824WHITE RIVER				*47 5.0	100.0	410.0	195.0	0.0	0.0
	*NP03360				*121 35.0				0.0	0.0
EAST FORK RAINIE	*AU02834WHITE RIVER				*47 3.0	78.0	310.0	360.0	0.0	0.0
R	*NP03361				*121 34.0				0.0	0.0
ECHO LAKE	*AU02866GREENWATER RIVER				*47 5.0	12.0	60.0	1000.0	0.0	0.0
	*NP03362				*121 26.0				0.0	0.0
WEST FORK RAINIE	*AU02874WF WHITE				*47 4.0	55.0	220.0	480.0	0.0	0.0
R	*NP03363				*121 41.0				0.0	0.0
FAIRFAX	*AU02904CARBON RIVER				*47 5.0	81.0	439.0	830.0	0.0	0.0
	*NP03364				*122 4.0				0.0	0.0
BALD ROCK	*AU02737OHANAPECUSH RIVER				*46 46.8	55.0	300.0	320.0	0.0	0.0
	*NP07294K				*121 34.0				0.0	0.0
STEILACOOM LK	*AU00139CHAMBERS CREEK				*47 10.7	89.0	512.0	9.0	11.0	3.0
LT STR	*NP03365				*122 32.1				0.0	0.0
L E G E N D										

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(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION,  
DEBRIS CONTROL, P&FARM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * NUMBER * (1) *	NAME OF STREAM OR RIVER	PROJ * PUMP * (2) *	OWNER	LATITUDE * LONGITUDE * (DM,M) *	DRAINAGE AREA * (SQ MI) *	ANNUAL * INFLOW * (CFS) *	POWER * HEAD * (FT) *	NET * HEIGHT * (FT) *	MAXIMUM * OF * DAM * (1000 * (MM) * (3) *	STORAGE * CAPACITY * (1000 * (MM) * (3) *	ENERGY * (KWH) * (3) *
COUNTY NAME: PIERCE												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE												
BUTTERNORTH RESE	WA00178	EDEN CREEK	SR	DOJ BOP	47 12.3	5.0	9.0	38.0	51.0	4.0E	0.0E	0.0
AVOIR	NP00366				122 41.7					.00E	.00E	.2
LA GRANDE RESERV	WA00253	NISQUALLY RIVER	HR	CITY OF TACOMA	46 49.4	209.0	1661.0	419.0	0.0	3.0E	64.00E	330.0
OTR	NP00367			HA	122 18.2					.00E	58.00E	161.3
ALDER	WA00257	NISQUALLY R	HR	TACOMA DEPT	46 51.0	206.0	1429.0	271.0	0.0	0.0E	50.00E	220.0
	NP00368			OF PUB UTIL	122 18.0					.00E	17.23E	46.6
WHITE RIVER-TAPP	WA00296	WHITE RIVER-OFFS	HR	PUGET SOUND	47 10.2	424.0	1543.0	489.0	0.0	47.0E	70.00E	322.2
S LAKE	NP00369			AND LT	122 .2					.00E	64.85E	191.4
ELECTRON RES	WA01231	PUYALLUP R	HR	PUGET SOUND	46 59.2	131.0	768.0	871.0	0.0	0.0E	25.50E	172.3
	NP00370			AND LT	122 10.4					.00E	100.88E	296.6
CENTRALIA	WA00201	NISQUALLY R	HR	CENTRALIA CI	46 58.2	480.0	2398.0	208.0	0.0	0.0E	9.00E	39.4
	NP00371			TY OF	122 37.8					.00E	77.60E	308.0
COUNTY NAME: SAN JUAN												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE												
MOUNTAIN LAKE	WA00279	CASCADE CREEK	SR	HA ST PARKS	48 39.0	10.0	33.0	13.0	16.0	3.0E	0.0E	0.0
	NP00372			REC COM	122 48.7					.00E	.07E	.3
CASCADE LAKE	WA00281	TR-CASCADE BAY	HR	G GEISER	48 39.0	10.0	33.0	13.0	17.0	2.0E	.01E	.0
	NP00373				122 51.9					.00E	.06E	.2
COUNTY NAME: SKAGIT												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE												
MANLICK	WA00177	SE NOKSACK	HR		48 36.0	37.0	270.0	1020.0	0.0	0.0E	0.0E	0.0
	NP00374				122 .5					.00E	45.28E	175.9
MILE 32.2	WA00178	SF NOKSACK RIVER	HR		48 37.5	50.0	254.0	225.0	0.0	0.0E	0.0E	0.0
	NP00375				121 53.0					.00E	13.50E	52.4
LEGEND												

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CELESTIAL CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - DEBRIS CONTROL, P-FARM POND, OTHER  
(4) - ESTABLISHED CAPACITY AND ENERGY  
(5) - UNINSTALLED CAPACITY AND ENERGY  
(6) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(7) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



## IN THE STATE OF WASHINGTON

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CREEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(3) - DISEMBERS CONTROL, PEAFARM POND, DROTHER  
(3) - ESTABLISHED CAPACITY AND ENERGY NEWER INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID,
- (2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, SWAMP SUPPLY, RECREATION, DODGE/IS CONTROL, REFORM POND, OTHER
- (3) - ESTIMATED CAPACITY AND ENERGY NEVER INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	CRIVER	OWNER	LONGITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)					(DM, N)	(SQ MI)	(CF3)	(FT)	(AC FT)	(3)	(3)	(3)	(3)
COUNTY NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME
BERRY CREEK	HAU0617	LITTLE WHITE SAL	M			45 47.0	30.0	120.	240.	0.	0.	0.	0.	0.
	NPP0730	MON RIVER				121 38.0								9.60
BOBS MOUNTAIN	HAU0619	WEST FORK WASHOUM	M			45 37.0	26.0	220.	340.	0.	0.	0.	0.	0.
	NPP0731	CAL RIVER				122 13.0								11.40
CARSON DIVERSION	HAU0622	LIND RIVER	M			45 44.0	209.0	1080.	248.	0.	0.	0.	0.	0.
	NPP0732					121 48.0								71.18
CLEAR CREEK	HAU0626	CLEAR CREEK	M			45 23.5	31.0	0.	750.	0.	0.	0.	0.	0.
	NPP0733					15 49.0								5.80
CLEARWATER CREEK	HAU0627	MUDDY RIVER	M			46 8.0	71.0	485.	300.	175.	16.	0.	0.	0.
	NPP0734					122 1.0								25.31
FALLS CREEK	HAU0638	MIND RIVER	M			45 50.0	56.0	310.	640.	0.	0.	0.	0.	0.
	NPP0735					121 56.0								38.65
MILL A	HAU0639	LITTLE WHITE SAL	M			45 43.0	114.0	450.	1032.	0.	0.	0.	0.	0.
	NPP0736	MIND RIVER				121 38.0								79.08
PARADISE FALLS	HAU0642	CLEARWATER CREEK	M			46 13.0	22.0	180.	780.	200.	90.	0.	0.	0.
	NPP0737					122 1.0								17.00
STEAMBOAT CREEK	HAU0645	LEWIS RIVER	M			46 11.0	66.0	410.	550.	500.	68.	0.	0.	0.
	NPP0738					121 48.0								9.50
CASCADE GORGE	HAU0682	LEWIS RIVER	M			46 7.0	146.0	885.	245.	0.	0.	0.	0.	0.
	NPP0739					121 55.0								32.76
DOUGAN CREEK	HAU0685	WASHOUGAL RIVER	M			45 37.0	54.0	450.	500.	0.	0.	0.	0.	0.
	NPP0740					122 10.0								34.20
LITTLE WHITE SAL	HAU0689	LITTLE WHITE SAL	M			45 46.7	125.0	529.	1051.	0.	0.	0.	0.	0.
MON	NPP0741	MON/LAPHAM R				121 37.6								86.62

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C&FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) ODEURIS CONTROL, PEFAM POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEWLY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (N.M.)	LONGITUDE (W.M.)	DRAINAGE AREA (SQ MI)	INFLJN (CFS)	HEAD (FT)	NET HEIGHT (FT)	AVERAGE ANNUAL POWER OF DAM (MW)	STORAGE CAPACITY (GAL)	ENERGY (KWH)
HEADWATERS PROJECT (UPPER + LOWER)	MAU0690 NPP0742	TRIBUTARIES TO LEWIS RIVER			46 5.0 121 59.0		46.0	0.0	1901.0	200.0	85.0	0.0	0.0
MUDDY	MAU0691 NPP0743	LEWIS RIVER			46 4.2 121 59.7		383.0	1310.0	300.0	0.0	343.0	0.0	0.0
QUARTZ CREEK	MAU0694 NPP0744	LEWIS RIVER			46 10.0 121 52.0		124.0	745.0	415.0	455.0	168.0	0.0	0.0
TROUT CREEK/CEDAR R	MAU0697 NPP0745	WIND RIVER			45 46.0 121 50.0		143.0	790.0	460.0	150.0	30.0	0.0	0.0
CEDAR	MAU0705 NPP0746	PANTHER CREEK			45 46.0 121 50.0		30.0	160.0	480.0	0.0	0.0	0.0	0.0
HEADWATERS LOWER DR	MAU0707 NPP0747	MUSH CREEK LEWIS R			46 5.0 121 59.0		46.0	230.0	1050.0	0.0	0.0	0.0	0.0
HEADWATERS UPPER DR	MAU0708 NPP0748	HEADWATERS CREEK LEWIS R			46 5.0 14 35.0		12.0	70.0	810.0	0.0	85.0	0.0	0.0
TROUT CREEK	MAU0710 NPP0749	WIND RIVER			45 46.0 121 50.0		143.0	790.0	640.0	0.0	0.0	0.0	0.0
ADAMS CREEK	MAU0735 NPP0750	CISPLUS RIVER			46 19.8 121 38.5		140.0	560.0	280.0	280.0	63.0	0.0	0.0
SPIRIT LAKE	MAU0777 NPP0751	NORTH FORK TOUTLAH RIVER			46 16.5 122 15.5		15.0	75.0	1124.0	0.0	80.0	0.0	0.0
TWIN FALLS	MAU0782 NPP0752	LEWIS RIVER			46 12.0 121 42.0		24.0	150.0	500.0	0.0	0.0	0.0	0.0
SHIFT DAM (SHIFT NO 1)	MAU00147 NPP0753	LEWIS RIVER			PACIFIC POWER 46 3.8 R + LIGHT CO 122 11.8		481.0	2711.0	396.0	410.0	773.0	208.000	642.0

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SWATH SUPPLY, RECREATION,  
(3) - E=INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT * NUMBER * (1)	NAME OF STREAM CR RIVER	PROJ * PURP * (2)	OWNER	*LATITUDE *LONGITUDE (DM,N)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET POWER * HEAD * (FT)	*HEIGHT OF DAM * (FT)	*MAXIMUM STORAGE (1000 AC FT)	*CAPACITY * (MM) (3)	*ENERGY (GWH) (3)
COUNTY NAMES: SNOHOMISH												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE 3F												
UPPER SAUK I	MAU0193	SAUK R			48 16.0	238.0	1800.	585.	0.	0.0U	0.0U	0.
	NPS0386				121 33.0					164.70	689.0	
BUCK CREEK '1	MAU0196	SUIATTLE RIVER			48 16.0	186.0	1088.	380.	0.	0.0U	0.0U	0.
	NPS0387				121 20.0					79.16	297.3	
DOWNNEY CREEK '1	MAU0197	SUIATTLE RIVER			48 15.0	106.0	620.	365.	0.	0.0U	0.0U	0.
	NPS0388				121 13.0					43.10	162.5	
UPPER SUIATTLE	MAU0198	SUIATTLE RIVER			48 13.0	98.0	550.	650.	0.	0.0U	0.0U	0.
	NPS0389				121 10.0					68.43	257.0	
BUCK CREEK '1A	MAU0199	BUCK CREEK			48 16.0	21.0	123.	1200.	0.	0.0U	0.0U	0.
	NPS0390				121 20.0					45.79	146.9	
DOWNNEY CREEK 2	MAU0200	DOWNNEY CR			48 15.0	49.0	287.	1115.	0.	0.0U	0.0U	0.
A	NPS0391				121 13.0					61.19	229.8	
LOWER WHITE CHUCK	MAU0201	WHITE CHUCK			48 11.0	50.0	400.	915.	0.	0.0U	0.0U	0.
K	NPS0392				121 26.0					52.09	223.0	
UPPER WHITE CHUCK	MAU0202	WHITE CHUCK			48 9.0	30.0	230.	1200.	0.	0.0U	0.0U	0.
K	NPS0393				121 16.0					40.61	176.2	
NORTH FORK SAUK	MAU0203	SAUK RIVER			48 7.0	78.0	600.	845.	0.	0.0U	0.0U	0.
	NPS0394				121 24.0					75.39	323.6	
SLOAN CR	MAU0204	SLOAN CR			48 2.5	29.0	220.	400.	0.	0.0U	0.0U	0.
	NPS0395				121 17.5					13.09	58.8	
DSO	MAU0209	MF STILLAGUAMISH			48 13.6	283.0	1915.	136.	0.	0.0U	0.0U	0.
	NPS0396	H			122 5.9					47.77	178.4	
FRATLEY MTN	MAU0210	DEER CR			48 17.0	52.0	400.	877.	0.	0.0U	0.0U	0.
	NPS0397				122 0.					86.75	269.0	

LEGEND

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(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CROFLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
WATER CONTROL, PEFARM POND, DROTHER  
(3) - ESTIMATED CAPACITY AND ENERGY NEMEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	ID#	NAME OF STREAM	PROJ#	CR RIVER	PUMP	OWNER	LATITUDE	DRAINAGE	AREA	INFLON	HEAD	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
					(1)		LONGITUDE	(80 MI)	(CFS)	(FT)	(FT)	(FT)	(1000)	(M3)	(3)	(3)
							(DM)									
COUNTY NAME: SNOHOMISH																
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE SF																
JORDAN	MAU0211	SF STILLAGUAMISH	M				48 9.4	196.0	1650.	117.	0.	0.	0.	0.	0.	0.
	NP0398						122 3.5								28.56	107.2
GRANITE FALLS	MAU0212	SF STILLAGUAMISH	M				48 6.0	118.0	1284.	255.	0.	0.	0.	0.	0.	0.
	NP0399						121 58.0								53.15	174.5
ROBE	MAU0213	SF STILLAGUAMISH	M				48 6.3	147.0	1190.	540.	0.	0.	0.	0.	0.	0.
	NP0400						121 53.5								151.02	488.8
TYREE	MAU0215	SF STILLAGUAMISH	M				48 5.0	90.0	880.	390.	0.	0.	0.	0.	0.	0.
	NP0401	RIVER					121 45.0								63.84	204.9
SILVERTON	MAU0216	SF STILLAGUAMISH	M				48 4.0	34.0	320.	120.	0.	0.	0.	0.	0.	0.
	NP0402	RIVER					121 36.0								4.99	21.7
PILCHUCK	MAU0217	PILCHUCK RIVER	M				47 50.0	163.0	515.	150.	0.	0.	0.	0.	0.	0.
	NP0403						120 41.0								30.01	80.3
WINTERS	MAU0218	SULTAN RIVER	M				47 52.0	95.0	1035.	185.	0.	0.	0.	0.	0.	0.
	NP0404						121 50.0								30.50	101.5
LOWER SULTAN	MAU0219	SULTAN RIVER	M				47 55.0	80.0	872.	345.	0.	0.	0.	0.	0.	0.
	NP0405						121 48.5								52.19	157.0
MIDDLE SULTAN	MAU0220	SULTAN RIVER	M				47 57.8	72.0	785.	405.	0.	0.	0.	0.	0.	0.
	NP0406						121 47.7								54.54	183.5
UPPER SULTAN	MAU0221	SULTAN RIVER	M				47 58.3	68.0	741.	390.	0.	0.	0.	0.	0.	0.
	NP0407						121 42.8								48.80	150.0
WALLACE FALLS	MAU0222	WALLACE RIVER	M				47 51.0	10.0	82.	1600.	0.	0.	0.	0.	0.	0.
	NP0408						121 38.0								24.69	88.9
LAKE ISABELL	MAU0223	HAY CH	M				47 51.0	3.0	37.	2370.	0.	0.	0.	0.	0.	0.
	NP0409						121 38.0								12.81	48.2
*****																
L E G E N D																

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,  
(3) - DEBRIS CONTROL, PUMP, POND, OTHER  
(4) - INSTALLED CAPACITY AND ENERGY  
(5) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

W.

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDEN NUMBER (1)	NAME OF STREAM CR RIVER	PROJ PUMP (2)	OWNER	*LATITUDE *LONGITUDE (DM,M)	*DRAINAGE *AREA (SQ MI)	*AVERAGE *ANNUAL INFLOW (CFS)	*NET *POWER (FT)	*HEIGHT *OF DAM (FT)	*MAXIMUM *STORAGE (AC FT)	*CAPACITY (3)	*ENERGY (GWH) (3)
COUNTY NAME: SNOWBUSH												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE 8F												
SUNSET FALLS	WAU0225 NPS0410	SF SKYKOMISH RIVER			47 48.0 121 33.0	355.0	2450	170	0	0	0	0
UPPER SOUTH FORK	WAU0226 NPS0411	SF SKYKOMISH RIVER			47 43.0 121 19.0	243.0	2450	120	177	0	0	0
LAKE DOROTHY	WAU0229 NPS0412	EF MILLER RIVER			47 37.0 121 23.5	6.0	62	1000	0	0	0	0
BECKLER	WAU0230 NPS0413	RECKLER RIVER			47 43.5 121 20.0	96.0	601	250	0	0	0	0
4TH OF JULY	WAU0292 NPS0414	RECKLER RIVER			47 48.0 121 17.5	25.0	155	400	0	0	0	0
RAPID RIVER	WAU0293 NPS0415	RAPID RIVER			47 48.0 121 16.0	42.0	261	360	0	0	0	0
TROUT CREEK	WAU0302 NPS0416	NF SKYKOMISH RIVER			16 30.0 14 12.0	139.0	970	870	0	0	0	0
TROUBLESOME '1	WAU0306 NPS0417	THOUBLESOME CR			47 55.0 121 23.0	3.0	28	2300	0	0	0	0
SULPHUR CR DIVR	WAU0730 NPS0418	SULPHUR CR			48 39.6 120 45.0	6.0	75	10	10	0	9.88E	9.9
LAKE CHAPLAIN-SO	WAU0197 NPS0419	CHAPLAIN CREEK			47 56.7 121 49.8	3.0	49	36	42	13	0	0
UTH DAM											.46N	1.2
GEORGE CULMBACK	WAU0208 NPS0420	SULTAN RIVER			47 58.5 121 41.2	68.0	740	390	0	48	0	0
DAM											44.02N	115.7
LEGEND												

LEGEND

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(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CROFLOOD CONTROL, NAVIGATION, SEWATER SUPPLY, RECREATION,  
(3) - ESTABLISHED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(6) - UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	ID	STREAM	PROJ	NUM	NAME	CH	RIVER	PUMP	GAUGE	LONGITUDE	AREA	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)			(2)						(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
										(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
										(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
										(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
										(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)
										(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)
										(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)
										(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)
										(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)
										(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)
										(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)
										(102)	(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)
										(111)	(112)	(113)	(114)	(115)	(116)	(117)	(118)	(119)
										(120)	(121)	(122)	(123)	(124)	(125)	(126)	(127)	(128)
										(129)	(130)	(131)	(132)	(133)	(134)	(135)	(136)	(137)
										(138)	(139)	(140)	(141)	(142)	(143)	(144)	(145)	(146)
										(147)	(148)	(149)	(150)	(151)	(152)	(153)	(154)	(155)
										(156)	(157)	(158)	(159)	(160)	(161)	(162)	(163)	(164)
										(165)	(166)	(167)	(168)	(169)	(170)	(171)	(172)	(173)
										(174)	(175)	(176)	(177)	(178)	(179)	(180)	(181)	(182)
										(183)	(184)	(185)	(186)	(187)	(188)	(189)	(190)	(191)
										(192)	(193)	(194)	(195)	(196)	(197)	(198)	(199)	(200)
										(201)	(202)	(203)	(204)	(205)	(206)	(207)	(208)	(209)
										(210)	(211)	(212)	(213)	(214)	(215)	(216)	(217)	(218)
										(219)	(220)	(221)	(222)	(223)	(224)	(225)	(226)	(227)
										(228)	(229)	(230)	(231)	(232)	(233)	(234)	(235)	(236)
										(237)	(238)	(239)	(240)	(241)	(242)	(243)	(244)	(245)
										(246)	(247)	(248)	(249)	(250)	(251)	(252)	(253)	(254)
										(255)	(256)	(257)	(258)	(259)	(260)	(261)	(262)	(263)
										(264)	(265)	(266)	(267)	(268)	(269)	(270)	(271)	(272)
										(273)	(274)	(275)	(276)	(277)	(278)	(279)	(280)	(281)
										(282)	(283)	(284)	(285)	(286)	(287)	(288)	(289)	(290)
										(291)	(292)	(293)	(294)	(295)	(296)	(297)	(298)	(299)
										(300)	(301)	(302)	(303)	(304)	(305)	(306)	(307)	(308)
										(309)	(310)	(311)	(312)	(313)	(314)	(315)	(316)	(317)
										(318)	(319)	(320)	(321)	(322)	(323)	(324)	(325)	(326)
										(327)	(328)	(329)	(330)	(331)	(332)	(333)	(334)	(335)
										(336)	(337)	(338)	(339)	(340)	(341)	(342)	(343)	(344)
										(345)	(346)	(347)	(348)	(349)	(350)	(351)	(352)	(353)
										(354)	(355)	(356)	(357)	(358)	(359)	(360)	(361)	(362)
										(363)	(364)	(365)	(366)	(367)	(368)	(369)	(370)	(371)
										(372)	(373)	(374)	(375)	(376)	(377)	(378)	(379)	(380)
										(381)	(382)	(383)	(384)	(385)	(386)	(387)	(388)	(389)
										(390)	(391)	(392)	(393)	(394)	(395)	(396)	(397)	(398)
										(399)	(400)	(401)	(402)	(403)	(404)	(405)	(406)	(407)
										(408)	(409)	(410)	(411)	(412)	(413)	(414)	(415)	(416)
										(417)	(418)	(419)	(420)	(421)	(422)	(423)	(424)	(425)
										(426)	(427)	(428)	(429)	(430)	(431)	(432)	(433)	(434)
										(435)	(436)	(437)	(438)	(439)	(440)	(441)	(442)	(443)
										(444)	(445)	(446)	(447)	(448)	(449)	(450)	(451)	(452)
										(453)	(454)	(455)	(456)	(457)	(458)	(459)	(460)	(461)
										(462)	(463)	(464)	(465)	(466)	(467)	(468)	(469)	(470)
										(471)	(472)	(473)	(474)	(475)	(476)	(477)	(478)	(479)
										(480)	(481)	(482)	(483)	(484)	(485)	(486)	(487)	(488)
										(489)	(490)	(491)	(492)	(493)	(494)	(495)	(496)	(497)
										(498)	(499)	(500)	(501)	(502)	(503)	(504)	(505)	(506)
										(507)	(508)	(509)	(510)	(511)	(512)	(513)	(514)	(515)
										(516)	(517)	(518)	(519)	(520)	(521)	(522)	(523)	(524)
										(525)	(526)	(527)	(528)	(529)	(530)	(531)	(532)	(533)
										(534)	(535)	(536)	(537)	(538)	(539)	(540)	(541)	(542)
										(543)	(544)	(545)	(546)	(547)	(548)	(549)	(550)	(551)
										(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)	(560)
										(561)	(562)	(563)	(564)	(565)	(566)	(567)	(568)	(569)
										(570)	(571)	(572)	(573)	(574)	(575)	(576)	(577)	(578)
										(579)	(580)	(581)	(582)	(583)	(584)	(585)	(586)	(587)
										(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)	(596)
										(597)	(598)	(599)	(600)	(601)	(602)	(603)	(604)	(605)
										(606)	(607)	(608)	(609)	(610)	(611)	(612)	(613)	(614)
										(615)	(616)	(617)	(618)	(619)	(620)	(621)	(622)	(623)
										(624)	(625)	(626)	(627)	(628)	(629)	(630)	(631)	(632)
										(633)	(634)	(635)	(636)	(637)	(638)	(639)	(640)	(641)
										(642)	(643)	(644)	(645)	(646)	(647)	(648)	(649)	(650)
										(651)	(652)	(653)	(654)	(655)	(656)	(657)	(658)	(659)
										(660)	(661)	(662)	(663)	(664)	(665)	(666)	(667)	(668)
										(669)	(670)	(671)	(672)	(673)	(674)	(675)	(676)	(677)
										(678)	(679)	(680)	(681)	(682)	(683)	(684)	(685)	(686)
										(687)	(688)	(689)	(690)	(691)	(692)	(693)	(694)	(695)
										(696)	(697)	(698)	(699)	(700)	(701)	(702)	(703)	(704)
										(705)	(706)	(707)	(708)	(709)	(710)	(711)	(712)	(713)
										(714)	(715)	(716)	(717)	(718)	(719)	(720)	(721)	(722)
										(723)	(724)	(725)	(726)	(727)	(728)	(729)	(730)	(731)
										(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)
										(741)	(742)	(743)	(744)	(745)	(746)	(747)	(748)	(749)
										(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)
										(759)	(760)	(761)	(762)	(763)	(764)	(765)	(766)	(767)
										(768)	(769)	(770)	(771)	(772)	(773)	(774)	(775)	(776)
										(777)	(778)	(779)	(780)	(781)	(782)	(783)	(784)	(785)
										(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)	(794)
										(795)	(796)	(797)	(798)	(799)	(800)	(801)	(802)	(803)
										(804)	(805)	(806)	(807)	(808)	(809)	(810)	(811)	(812)
										(813)	(814)	(815)	(816)	(817)	(818)	(819)	(820)	(821)
										(822)	(823)	(824)	(825)	(826)	(827)	(828)	(829)	(830)
										(831)	(832)	(833)	(834)	(835)	(836)	(837)	(838)	(839)
										(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)
										(849)	(850)	(851)	(852)	(853)	(854)	(855)	(856)	(857)
										(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)
										(867)	(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)
										(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)
										(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)
										(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)	(902)
										(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)
										(912)	(913)	(914)	(915)	(916)	(917)	(918)	(919)	(920)
										(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)
										(930)	(931)	(932)	(933)	(934)	(935)	(936)	(937)	(938)
										(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)
										(948								

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (1)	OWNER	LATITUDE (DM, M)	DRAINAGE AREA (SQ MI)	ANNUAL AVERAGE POWER (CFPS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000)	ENERGY (GWH) (3)
COUNTY NAME: STEVENS											
HUNTERS RES DAM	WA00048	HUNTERS CREEK	IN	HUNTER LAND CO	48 7.4	40.0	23.0	46.0	57.0	1.0E	0.0E
	NP00432				118 9.4					.36N	.7
COUNTY NAME: THURSTON											
DESCHUTES DAM (CAPITOL LAKE)	WA00143	DESCHUTES RIVER	R	WA ST DEPT OF EN ADMIN	47 2.6	170.0	70.0	16.0	20.0	4.0E	0.0E
	NP00433				122 54.5					.168N	7.7
SKOOKUMCHUCK RESERVOIR	WA00153	SKOOKUMCHUCK RIVER	R	PACIFIC POWER & LIGHT CO	46 47.1	62.0	25.0	120.0	150.0	42.0E	0.0E
	NP00434				122 43.0					.31N	14.6
COUNTY NAME: WASHINGTON											
GRAYS RIVER	WA00699	GRAYS RIVER	R		46 22.0	60.0	52.0	400.0	100.0	19.0U	0.0U
	NP00754				123 33.0					.19T	63.19T
COUNTY NAME: WALLA WALLA											
DIVIDE	WA00033	WALLA WALLA RIVER	R		46 4.0	1665.0	59.0	16.0	117.0	0.0U	0.0U
	NP00484				118 46.0					.44T	1.8
TOUCHET	WA00034	TOUCHET RIVER	R		46 9.0	720.0	25.0	250.0	0.0	0.0U	0.0U
	NP00485				118 38.0					.31T	31.42T
BLUE CREEK	WA00052	HILL CREEK	R	ICSR	46 6.6	91.0	0.0	150.0	187.0	35.0U	0.0U
	NP00486				118 8.0					.96T	26.1
WASHOUGAL	WA00704	WASHOUGAL RIVER	R		45 35.0	114.0	96.0	85.0	0.0	0.0U	0.0U
	NP00755				122 20.0					.12T	12.43T
LOWER MONUMENTAL DAM	WA00270	SNAKE RIVER	R	DAEN NPA	46 33.9	108500.0	3000.0	83.0	100.0	376.0E	405.00E
	NP00487				118 32.2					.0N	.0N

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, C-FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,  
(2) - DRAINAGE CONTROL, PERMANENT POND, OTHER  
(3) - INSTALLED CAPACITY AND ENERGY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ #	DAEN NPM	LONGITUDE	AREA	AVERAGE ANNUAL	NET HEIGHT	MAXIMUM	CAPACITY	ENERGY
	(1)	ON RIVER	(2)		(DM, M)	(SQ MI)	(CFR)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: WALLA WALLA							FERC POWER SUPPLY AREA 44	FERC REGIONAL OFFICE CODE	8F		
ICE HARBOR LOCK AND DAM	WA00347	SNAKE RIVER	WA00347	DAEN NPM	46 15.0	10900.0	3000.0	83.0	100.0	376.0	603.00E2574.0
	NP00448				118 52.7					0.0	0.0
MILL CREEK DAM	WA00348	MILL CREEK OFF S&C	WA00348	DAEN NPM	46 4.9	95.0	79.0	85.0	115.0	8.0	0.0
	NP02624	TREAS			118 15.2					1.66N	4.0
COUNTY NAME: WHATCOM							FERC POWER SUPPLY AREA 43	FERC REGIONAL OFFICE CODE	8F		
DEMING	WA00165	NODKACK RIVER	WA00165		46 49.7	584.0	3414.0	110.0	0.0	500.0	0.0
	NP00435				122 12.2					58.69T	258.6
MAPLE FALLS	WA00167	NODKACK RIVER	WA00167		48 51.0	235.0	1321.0	95.0	0.0	0.0	0.0
	NP00436				122 9.0					20.07T	88.2
WARNICK	WA00168	NODKACK RIVER	WA00168		48 56.0	193.0	1400.0	47.0	0.0	0.0	0.0
	NP00437				122 2.0					7.80T	41.3
GLACIER	WA00169	NODKACK RIVER	WA00169		48 56.0	193.0	1400.0	305.0	0.0	0.0	0.0
	NP00438				122 2.0					76.07T	301.0
BRIDGE CREEK	WA00170	NODKACK RIVER	WA00170		48 54.0	105.0	779.0	255.0	0.0	0.0	0.0
	NP00439				121 50.0					4.05T	17.2
SMUCKRAN	WA00173	NODKACK RIVER	WA00173		48 54.5	64.0	475.0	240.0	0.0	0.0	0.0
	NP00440				121 45.0					19.78T	78.4
PRICE	WA00174	NODKACK R.	WA00174		48 52.0	12.0	89.0	240.0	0.0	0.0	0.0
	NP00441				121 37.0					3.53T	15.2
SKOOKUM CREEK	WA00175	NODKACK R.	WA00175		48 40.3	103.0	747.0	425.0	0.0	0.0	0.0
	NP00442				122 8.5					59.77T	209.9
GREEN CREEK DIVE	WA00179	FN NODKACK	WA00179		48 44.0	30.0	215.0	420.0	0.0	0.0	0.0
RSION	NP00443				121 56.0					43.08T	142.2

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION, D=DECEMBER CONTROL, P=PEAK POND, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY, N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY, T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ #	LATITUDE	DRAINAGE	AVERAGE	NET	HEIGHT	MAXIMUM	CAPACITY	ENERGY
	NUMBER	OR RIVER	PURP #	LONGITUDE	AREA	ANNUAL	POWER	OF	STORAGE	(GWH)	(3)
	(1)		(2)	(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
COUNTY NAME: WHATCOM	FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE										
WELLS CREEK	MAU0180	WELLS CR	M	48 53.0	21.0	155	200	0	0	0	0
	NPS0444			121 46.5						4.93	21.0
RUTH DIVERSION	MAU0161	RUTH CR	M	48 54.5	8.0	58	160	0	0	0	0
	NPS0445			121 36.0						1.18	2.8
WHATCOM CREEK #2	MAU0182	WHATCOM CR	M	48 45.0	145.0	86	40	0	0	0	0
	NPS0446			122 29.0						6.13	27.9
SULFIDE CREEK	MAU0191	BAKER K	M	48 44.0	476.0	565	476	0	0	0	0
	NPS0447			121 34.0						377.38	1449.0
SWAMP CRK DIVERSION	MAU0729	SWAMP CR	M	48 54.6	6.0	45	240	0	0	9.88	9.9
	NPS0448			121 41.0						0	0
WHATCOM LK DAM	MAU0158	WHATCOM CREEK	M	48 45.5	56.0	402	9	10	20	0	0
	NPS0449			122 25.3						0	0
GORGE LAKE	MAU0168	SKAGIT RIVER	M	48 41.9	1160.0	4451	380	0	9	137.70	894.0
	NPS0450			121 12.4						137.38	249.9
ROSS LAKE	MAU0169	SKAGIT RIVER	M	48 43.9	999.0	3653	395	400	1405	360.00	792.0
	NPS0451			121 4.0						0	0
DIABLO LAKE	MAU0170	SKAGIT RIVER	M	48 42.8	1102.0	4226	330	366	91	122.40	752.0
	NPS0452			121 7.8						103.23	190.6
UPPER BAKER DAM	MAU0173	BAKER RIVER	M	48 38.9	211.0	1463	285	295	316	94.40	336.4
	NPS0453			121 41.4						0	0
ROCKY CREEK DAM	MAU1202	ROCKY CREEK	M	48 40.6	11.0	100	476	60	0	0	0
	NPS0454			121 44.8						5.77	28.6
NOOKSACK DIVERSION	MAU1232	WELLS CREEK	M	48 54.0	25.0	212	10	10	0	0	0
	NPS2676			121 46.4						0.00	0.0
										0.31	1.3

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SWATER SUPPLY, RECREATION,  
DEDEPRIS CONTROL, PEFARM POND, DEOTHER  
(3) - REINSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - REINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

P R E L I M I N A R Y   E S T I M A T E S  
P O T E N T I A L   H Y D R O P O W E R   S I T E S  
I N   T H E   S T A T E   O F   W A S H I N G T O N

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ* PURP* (2)	OWNER	*LATITUDE (DM,N)	*LONGITUDE (DM,W)	*DRAINAGE AREA (SQ MI)	*AVERAGE ANNUAL INFLOW (CFS)	*NET POWER OF DAM (FT)	*MAXIMUM STORAGE CAPACITY (MH)	*ENERGY (GWH)
COUNTY NAME: WHATCOM											
FERC POWER SUPPLY AREA 43   FERC REGIONAL OFFICE CODE 3F											
NODKACK 5	*HA03016	NODKACK R	*H	*PUGET SOUND	*48 54.4		*96.0	*581.1	*175.1	*0.0E	*1.50E 2.6
	*NP0455			*PWR AND LT	*121 48.4					*N	*16.74E 68.9
COUNTY NAME: WHELAN											
NENHALEM CREEK	*HA03019	NENHALEM CREEK	*H	*SEATTLE DEPT	*48 39.8		*25.0	*212.1	*513.1	*0.0E	*2.00E 12.5
	*NP0456			*OF LIGHT	*121 15.0					*N	*19.86E 61.2
COUNTY NAME: WHISTMAN											
FERC POWER SUPPLY AREA 42   FERC REGIONAL OFFICE CODE 3F											
PALOUSE FALLS	*HA00036	PALOUSE RIVER	*H		*46 40.0		*2670.0	*630.1	*467.1	*0.0U	*0.0U 0.0
	*NP0489				*118 12.0					*T	*115.15E 201.2
ELBERTON	*HA00055	PALOUSE RIVER	*ICR	*PRIVATE	*46 57.6		*495.0	*360.1	*200.1	*0.0U	*0.0U 0.0
	*NP0490				*117 13.0					*T	*23.66E 40.8
SUTTON	*HA00078	PALOUSE RIVER	*H	*0.0	*45 14.6		*2500.0	*600.1	*240.1	*0.0U	*0.0U 0.0
	*NP0491				*116 22.3					*T	*55.41E 98.8
COUNTY NAME: YAKIMA											
FERC POWER SUPPLY AREA 44   FERC REGIONAL OFFICE CODE											
SELAM	*HA00526	YAKIMA RIVER	*H		*46 38.0		*2135.0	*1492.1	*230.1	*0.0U	*0.0U 0.0
	*NP0457				*120 31.0					*T	*102.55E 238.9
LOWER WAPATO	*HA00535	SIMCOE CREEK	*H		*46 25.9		*50.0	*52.1	*613.1	*0.0U	*0.0U 0.0
	*NP0458				*120 48.4					*T	*3.66E 15.9
UPPER WAPATO	*HA00536	SIMCOE CREEK	*H		*46 26.9		*45.0	*47.1	*1000.1	*0.0U	*0.0U 0.0
	*NP0459				*120 48.4					*T	*13.70E 32.3
COMICHE CANYON	*HA00537	NACHES RIVER	*H		*46 38.0		*1000.0	*1318.1	*20.1	*0.0U	*0.0U 0.0
	*NP0460				*120 35.0					*T	*3.10E 13.0
CLEMAN	*HA00538	NACHES RIVER	*H		*46 45.0		*950.0	*1252.1	*20.1	*0.0U	*0.0U 0.0
	*NP0461				*120 46.0					*T	*2.95E 12.3

L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION.  
(3) - ESSENTIAL CAPACITY AND ENERGY: DEBRIS CONTROL, PEARL POND, GEOTHERM  
(4) - TOTAL POTENTIAL CAPACITY AND ENERGY: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(5) - UNDEVELOPED SITES: TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ. PURP. (2)	OWNER	LATITUDE (DM,M)	LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	CAPACITY (GPM)	ENERGY (KWH)
COUNTY NAMES: YAKIMA												
FERC POWER SUPPLY AREA 43 FERC REGIONAL OFFICE CODE SF												
RATTLESNAKE	HAU0539	NACHES RIVER	M		46 45.0	120 48.0	540.0	1230.	352.	0.	0.	0.
	NPS0462											92.62
HORSESHOE BEND	HAU0540	NACHES RIVER	M		46 46.0	120 50.0	620.0	817.	17.	20.	0.	0.
	NPS0463											1.92
ROCK CR	HAU0542	NACHES RIVER	M		46 47.0	120 52.0	600.0	2184.	20.	20.	0.	0.
	NPS0464											6.67
BUMPING RATTLESNAKE	HAU0543	NACHES RIVER	M		46 49.2	120 55.7	342.0	914.	568.	0.	0.	0.
AKE RLSNK CR	NPS0465											79.87
MILE 34 1/2	HAU0544	NACHES RIVER	M		46 53.0	121 0.	400.0	1456.	20.	20.	0.	0.
	NPS0466											4.63
BUMPING RIVER	HAU0545	NACHES RIVER	M		46 56.1	121 3.0	385.0	820.	275.	0.	0.	0.
	NPS0467											68.46
MILE 0-22	HAU0546	TIETON RIVER	M		46 45.0	121 47.0	187.0	530.	1332.	0.	0.	0.
	NPS0468											109.45
TIETON DAM	HAU0547	TIETON RIVER	M		46 40.0	121 7.9	187.0	511.	114.	0.	0.	0.
	NPS0469											7.49
AMERICAN RIVER	HAU0548	BUMPING RIVER	M		46 59.0	121 6.0	189.0	645.	178.	0.	0.	0.
ELOW AMER R	NPS0470											38.76
DEAD HORSE HILL	HAU0550	BUMPING RIVER	M		46 54.6	121 10.0	81.0	561.	380.	0.	0.	0.
	NPS0471											35.12
BUMPING LAKE ENLARGEMENT	HAU0553	BUMPING RIVER	M		46 52.0	121 18.0	69.0	297.	232.	232.	458.	0.
	NPS0472											17.48
PLEASANT VALLEY	HAU0554	AMERICAN RIVER	M		46 58.0	121 9.0	72.0	220.	882.	0.	0.	0.
	NPS0473											58.31

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C=FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, ORDERED CONTROL, PSFAM POND, D=OTHER  
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)  
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)



( 07/10/79 )

PRELIMINARY ESTIMATES  
POTENTIAL HYDROPOWER SITES  
IN THE STATE OF WASHINGTON

PROJECT NAME	IDENT	NAME OF STREAM	PROJ. NUMBER	CR RIVER	PURP. (1)	OWNER	LONGITUDE (COM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	STORAGE CAPACITY (1000 AC FT)	ENERGY (MMWH)	CAPACITY (3)
COUNTY NAME: YAKIMA														
FERC POWER SUPPLY AREA 44 FERC REGIONAL OFFICE CODE														
KANER FLAT	HAU0555	LITTLE NACHES	NP0474				47 0	145.0	396	305	0	0.0	0.0	0.0
	NP0474						121 7.3					54.28	145.2	
BEAR CR	HAU0558	LITTLE NACHES RIVER	NP0475				47 4.0	42.0	138	240	0	0.0	0.0	0.0
	NP0475	VER					121 14.0					16.73	44.0	
CROW CREEK	HAU0559	CROW CREEK	NP0476				47 1.0	33.0	125	390	0	0.0	0.0	0.0
	NP0476						121 12.0					21.36	58.1	
BIG MUDDY	HAU0618	KLICKITAT	NP0756				46 7.0	255.0	0	563	0	0.0	0.0	0.0
	NP0756						121 17.0					15.50	119.0	
KLICKITAT RESERVE	HAU0630	KLICKITAT RIVER	NP0757				46 22.0	42.0	90	320	230	137.0	0.0	0.0
	NP0757						121 11.0					4.40	19.2	
CASTLE FORD	HAU0744	KLICKITAT RIVER	NP0758				46 15.6	130.0	280	280	0	0.0	0.0	0.0
	NP0758						121 15.0					24.28	71.8	
LAKES	HAU0760	FISH LAKE STREAM	NP0759				46 16.0	30.0	105	684	0	0.0	0.0	0.0
	NP0759						121 18.0					11.00	48.1	
MCCREEDY CREEK	HAU0762	KLICKITAT RIVER	NP0760				46 19.0	86.0	185	335	0	0.0	0.0	0.0
	NP0760						121 15.0					17.73	48.3	
SODA SPRINGS	HAU0776	DIAMOND FORK	NP0761				46 22.0	36.0	80	670	100	0.0	0.0	0.0
	NP0761						121 11.0					8.10	35.7	
WEST FORK NUMBER 1	HAU0784	WEST FORK/KLICKITAT RIVER	NP0762				46 15.0	83.0	240	461	0	0.0	0.0	0.0
	NP0762	TAT RIVER					121 15.0					20.60	90.2	
WEST FORK NUMBER 2	HAU0785	KLICKITAT RIVER	NP0763				46 15.0	151.0	325	170	0	0.0	0.0	0.0
	NP0763						121 15.0					17.12	50.7	
WENAS LAKE	HAU0802	WENAS CREEK	NP0477				46 48.8	110.0	6	33	43	1.5	0.0	0.0
	NP0477						120 40.3					.07	.2	

LEGEND  
(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.  
(2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, FISH POND, OTHER  
(3) - ESTIMATED CAPACITY AND ENERGY  
(4) - UNINSTALLED CAPACITY AND ENERGY  
(5) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE LINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, C/FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (3) - DOLBERT'S CONTROL, P-FARM POND, OTHER
- (4) - ESTABLISHED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) - UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS



## PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

### DESCRIPTION OF TERMS

ACRE FOOT: (AcFt) A measure of volume. An acre (43,560 square feet) of water, one foot deep (43,560 cubic feet).

AVERAGE ANNUAL INFLOW: The average yearly inflow into a reservoir for the historical period of record, measured in cubic feet per second (cfs).

CAPABILITY: The maximum load which a generator, generating station, or other electrical apparatus can supply under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

CAPACITY: The load for which a generating unit, generating station, or other electrical apparatus is rated either by the user or manufacturers' nameplate rating. Capacity is sometimes used synonymously with capability.

CONVENTIONAL HYDROELECTRIC POWER PLANT: An electric power plant utilizing falling water from stream flow or reservoir storage as the primary motive force of electrical generation.

DEMAND: The rate at which electric energy is required.

ELECTRIC ENERGY/POWER: That which does or is capable of doing work; measured in terms of the work it is capable of doing; i.e., kilowatt-hours.

EXISTING FACILITIES: A dam or other existing water resource project which has created a hydraulic head suitable for generating hydroelectric power. Such facilities include, but are not limited to:

- Irrigation drop structures and canals.
- Existing dams without any provisions for installing power facilities.
- Existing dams with minimum facilities for installing power in the future; i.e., intakes and penstocks usually have been installed.
- Existing dams with generating facilities and with additional space constructed for adding more generating equipment.
- Existing dams with generating equipment installed; however, a potential exists for additional power generation.

FLOW DURATION CURVE: A plot of stream flows ranked in descending order of magnitude, against time intervals, for a specific period.

FOSSIL FUEL: Refers to coal, oil, and natural gas.

GENERATOR: A machine which transforms mechanical energy from the prime mover (turbines) into electric energy.

GIGAWATT (GW): One million (1,000,000) kilowatts.

GIGAWATT-HOURS (GWH): One million kilowatt-hours.

HEIGHT OF DAM: Distance from streambed at dam centerline to the top of the dam with respect to maximum storage capacity.

HYDROELECTRIC POWER: Electrical energy derived from the energy of falling or flowing water.

INCREMENTAL DEVELOPMENT: The estimated hydroelectric power potential that can be added to an existing facility or water resource project.

INSTALLED CAPACITY: The total of the capacities as shown by the nameplates of the generating units in a station or system.

KILOWATT-HOURS (KWH): The basic unit of electric energy equal to one kilowatt demand over a period of one hour, equal to 3,413 BTU.

LOAD: The amount of electric power delivered at a given point or points in a system.

L/D: An indication that the existing project is a dam with a navigation lock included; lock and dam.

MEGAWATTS (MW): A million watts or 1,000 kilowatts.

MEGAWATT-HOURS (MWH): 1,000,000 watt-hours or 1,000 KWH.

NAMEPLATE RATING: The full-load, continuous operation rating of a generator, prime mover or other electrical equipment under specified conditions as designated by the manufacturer.

NET POWER HEAD: The difference between the elevations of the power pool and the tailwater less hydraulic and mechanical losses in the waterways.

NUCLEAR POWER PLANT: An electric generating plant utilizing the heat from a nuclear reactor as the source of power.

PENSTOCK: A conduit used to convey water to the turbine units of a hydroelectric plant.

PLANT FACTOR: The ratio of the average load on the plant for the period of time considered to the aggregate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available stream flow and net power head.

POWER HOUSE: An electric generating station at which is located prime movers, electric generators, and auxiliary equipment for producing electric energy.

PUMPED STORAGE POWER PLANT: A hydropower plant where electric energy is generated for peak load use by utilizing water pumped into a storage reservoir, usually during off-peak hours.

SMALL-SCALE HYDROELECTRIC POWER PLANT: A hydroelectric generating station with less than 15 MW of installed capacity.

THERMAL GENERATING FACILITY: A generating plant which uses heat as the source of energy for the prime mover. Such plants may burn fossil fuels or use nuclear energy to produce the heat.

UNDEVELOPED SITES: No dam or other structure exists at this site to create the hydraulic head needed for generating hydroelectric energy. However, the topography of the site is favorable for developing a hydroelectric power project.

WATER RESOURCE PROJECT: A facility planned and constructed to obtain one or more uses or benefits from water. Purposes or uses may include navigation, flood control, hydroelectric power, land and water recreation, irrigation, water supply and water quality management.

WATT: The rate of energy transfer equivalent to one ampere under a pressure of one volt at unity power factor.



APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

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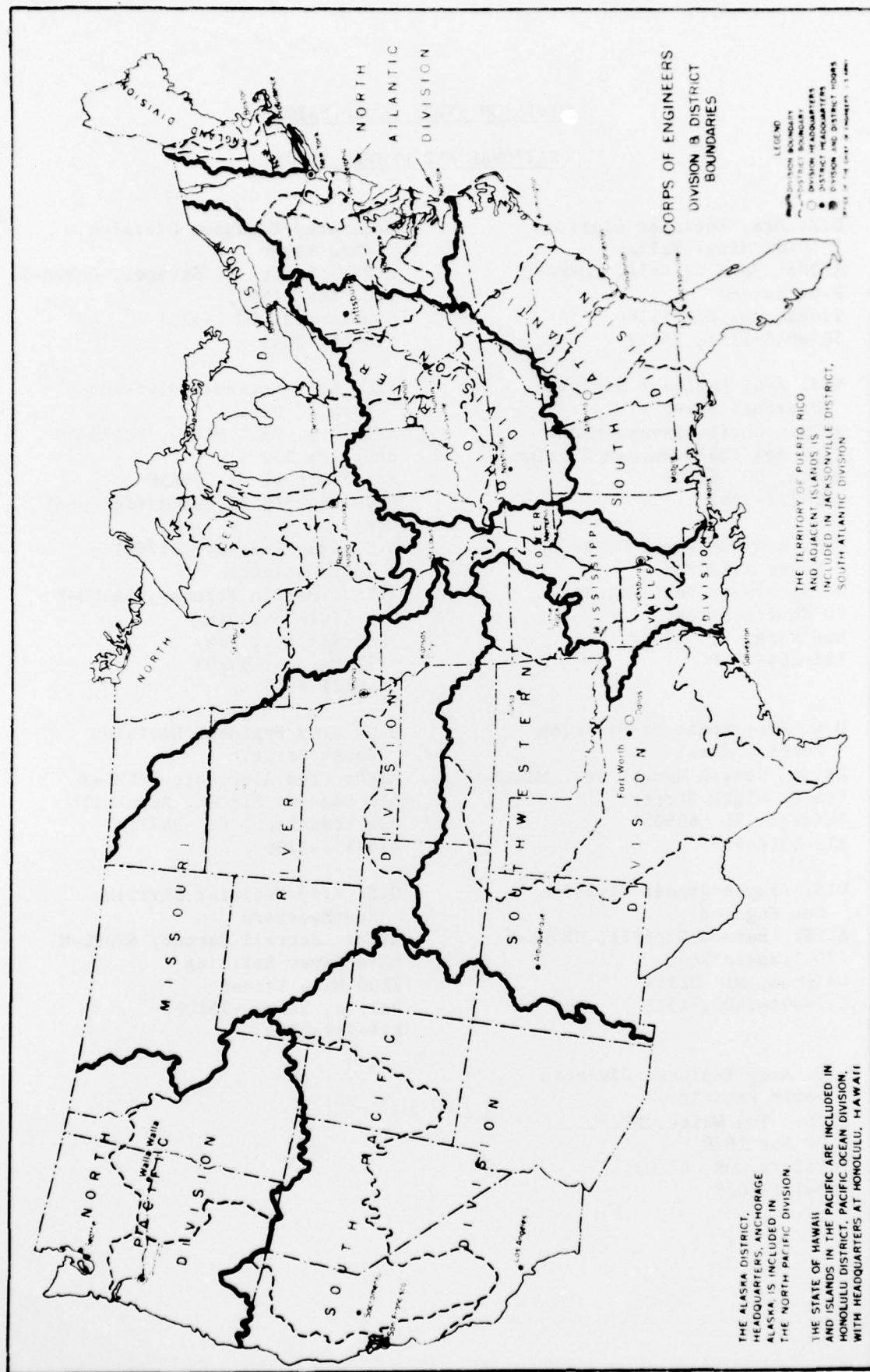
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